CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Gas pipe line, Panhandle, Texas to Kansas City, Mo., Texas Corp. and Columbian Carbon Co., $20,000,000.

Roads and bridges, Florida, State Road Dept., 1927 budget $16,807,324.

Irrigation project, Texas, Pease and Red River Valley Irrigation Assn. made surveys, $5,000,000-$6,000,000.

Factory, Toronto, Ont., T. Easton Co., Ltd., plans, $3,000,000.

Power plant, New Haven, Conn., United Illuminating Co. having plans prepared, $3,000,000.

Dam, Anahuax, Texas, Fresh Water League, making preliminary plans, $2,000,000.

Hydraulic generating station, Glens Falls, N. Y., Union Bag & Paper Co., plans, $2,000,000.

Natural Gas Plant, Texas, Skelly Oil Co., plans, $2,000,000.

Docks, Hamilton, Ont., Hamilton By-Product Coke Ovens Ltd., plans, $1,500,000.

Paving, etc., Pampa, Texas, plan bond election, $1,200,000.

Railway, New Jersey, Erie R.R. Co., plans, $1,000,000.

Roads, Dyersburg, Tenn., voted bonds, $1,000,000.

Paving, Edna, Texas, plans bond election, $1,000,000.

Apartment, Seattle, Wash., Exter Co., having plans prepared, $1,000,000.

Home, Annadale, N. J., State having plans prepared $1,000,000.

Hotel, Vicksburg, Miss., Local Syndicate forming, having preliminary plans prepared, $1,000,000.

Bids Desired

Apartment, Detroit, Mich., J. B. Book Jr. Corp., takes bids about April 8, $5,000,000.

Y. M. C. A., Boston, Mass., takes bids about April 1, $1,000,000.

Bids Received

Cathedral, Indianapolis, Ind., Scottish Rite, from Selden-Breck Co., St. Louis, Mo., $2,500,000.

Contracts

Church, hotel and community center, Minneapolis, Minn., Wesley Methodist Church to Wells Bros. Constr. Co., Chicago, Ill., approximately $5,000,000.

Apartment, Pittsburgh, Pa., Mutual Building Co., to W. T. Grange Constr. Co., $1,500,000.

Hotel, Pittsburgh, Pa., Webster Hall Corp., to Peter A. Miller Co., Detroit, Mich., $1,500,000.

Subway, New York, N. Y., Bd. Transportation to Slattery Eng. Const. Co., $1,323,362.

Bituminous paving material, New York, State supt. Standards & Purchase, Albany, to Warner Quinlan Co., New York, N. Y., and others $1,129,369.

Bank and office, New York, N. Y., Madison-60th St., Corp., to Shroder & Koppel, Inc., $1,000,000.

Wharf, Toronto, Ont., Canada Steamship Lines, Ltd., to Russell Constr. Co., $1,000,000.

Classified Index of Bids Wanted

Waterworks

Bids close — *See Eng. News-Record*

Mar. 25 Rutland, Mass. — Mar. 17
Mar. 28 North Mankato, Minn. — Mar. 24
Mar. 28 Merritton, Ont. — Mar. 24
Mar. 29 Pittsford, N. Y. — Mar. 24
Mar. 29 St. George, N. Y. — Mar. 24
Mar. 29 New York, N. Y. — Mar. 24
Mar. 30 Front Royal, Va. — Mar. 17
Adv. Mar. 17 and 24.
Mar. 30 Falmouth, Mass. — Mar. 24
Adv. Mar. 24.
Mar. 30 Reading, Pa. — Mar. 17
Mar. 30 Hamburg, N. J. — Mar. 24
Adv. Mar. 24.
Mar. 30 Cleveland, O. — Mar. 24
Apr. 1 Brooklyn, N. Y. — Mar. 24
Apr. 4 Wernersville, Pa. — Mar. 17
Apr. 4 Racine, Wis. — Mar. 24
Adv. Mar. 24.
Apr. 4 Red Bluff, Calif. — Mar. 24
Apr. 4 Madera, Calif. — Mar. 24
Apr. 5 Paradise, Calif. — Mar. 24
Apr. 5 Allentown, Pa. — Mar. 10
Adv. Mar. 10 and 24.
Apr. 6 Los Banos, Calif. — Mar. 24
Apr. 6 Stanhope, N. J. — Mar. 24
Adv. Mar. 24.
Apr. 7 Kingston, N. Y. — Mar. 17
Adv. Mar. 17 and 24.
Apr. 8 Muskegon, Mich. — Mar. 24
Apr. 11 Magdalina, N. M. — Mar. 17
Apr. 12 St. Louis, Mo. — Mar. 24
Apr. 15 Boston, Mass. — Mar. 24
Adv. Mar. 24.
June 1 Youngstown, O. — Mar. 17

Sewers

Mar. 26 Dearborn, Mich. — Mar. 17
Mar. 28 Towson, Md. — Mar. 17
Mar. 28 Cape Girardeau, Mo. — Mar. 17
Mar. 29 North St. Paul, Minn. — Mar. 17
Mar. 29 Parsons, Kan. — Mar. 17
Mar. 29 Toledo, O. — Feb. 24
Adv. Mar. 3 to 24.
Mar. 29 Maple Shade, N. J. — Mar. 17
Mar. 29 Chicago, Ill. — Mar. 24
Mar. 29 Williston, N. D. — Mar. 24
Mar. 30 Cleveland, O. — Mar. 24
Mar. 30 Grand Rapids, Mich. — Mar. 24
Mar. 30 St. George, N. Y. — Mar. 24
Mar. 31 Toledo, O. — Mar. 24
Mar. 31 Dorchester (Boston P. O.), Mass. — Mar. 24
Apr. 1 Boston, Mass. — Mar. 24
Apr. 1 South Orange, N. J. — Mar. 24
Apr. 1 Tulsa, Okla. — Mar. 17
Apr. 1 Kenmore, O. — Feb. 3
Apr. 1 Detroit, Mich. — Mar. 3
Apr. 4 Buffalo, N. Y. — Mar. 17
Adv. Mar. 17 and 24.
Apr. 5 Teaneck, N. J. — Mar. 24
Adv. Mar. 24.
Apr. 6 Los Banos, Calif. — Mar. 24
Apr. 6 Phila., Pa. — Mar. 17
Apr. 12 Waterbury, Conn. — Mar. 17
Adv. Mar. 17 and 24.
Apr. 12 Wallingford, Conn. — Mar. 24
Adv. Mar. 24.
Apr. 14 Sacramento, Calif. — Mar. 24
Apr. 14 Mobile, Ala. — Mar. 17
Adv. Mar. 17 and 24.

Waste Disposal

Mar. 25 Hamilton, O. — Mar. 17
Apr. 12 Paterson, N. J. — Mar. 24
Adv. Mar. 24.

Bridges

Mar. 25 Hamilton, O. — Mar. 3
Mar. 27 New York — Mar. 17
Mar. 29 St. Francis, Kan. — Mar. 17
Mar. 29 North Carolina — Mar. 17
Mar. 30 New Rochelle, N. Y. — Mar. 17
Adv. Mar. 10 to 24.
Mar. 30 Pittsburgh, Pa. — Mar. 24
Mar. 30 Detour (mail Soldiers Summit), Utah — Mar. 24
Mar. 31 Elkader, Ia. — Mar. 24
Mar. 31 Kentucky — Feb. 24
Mar. 31 Vinton, Ia. — Mar. 24
Apr. 1 Nevada, Ia. — Mar. 24
Apr. 1 Wausau, Wis. — Mar. 24
Apr. 1 Alton, Ill. — Mar. 24
Apr. 4 Pennsylvania — Feb. 24
Apr. 5 Gulfport, Miss. — Mar. 24
Apr. 6 Richardson, Miss. — Mar. 24
Apr. 6 Pennsylvania — Mar. 24
Apr. 11 New York and New Jersey — Mar. 10
Apr. 12 Decatur, Ill. — Mar. 17
Adv. Mar. 17 and 24.
Apr. 15 Knox, Ind. — Mar. 24
Apr. 25 Pueblo, Colo. — Mar. 24

Excavation, Drainage, Irrigation, Levees, River and Harbor

Mar. 29 Dover, N. J. — Mar. 10
Mar. 30 Baltimore, Md. — Mar. 24
Apr. 1 New York — Mar. 10
Adv. Mar. 10 to 24.
Apr. 1 Adel, Ia. — Mar. 24
Apr. 5 Harrop, Neb. — Mar. 24
Apr. 5 Virginia Beach, Va. — Mar. 24
Adv. Mar. 24.
Apr. 6 Bemidji, Minn. — Mar. 24
Apr. 11 Donna, Tex. — Mar. 24

Streets and Roads

Bids close — *See Eng. News-Record*

Mar. 25 Pennsylvania — Mar. 10
Mar. 25 South Euclid (br. Cleveland), O. — Mar. 24
Mar. 26 Pennsylvania — Mar. 10
Mar. 27 North Carolina — Mar. 17
Mar. 28 Kansas City, Mo. — Mar. 17
Mar. 28 Vincennes, Ind. — Mar. 17
Mar. 28 Hastings, Minn. — Mar. 24
Mar. 29 Cincinnati, O. — Mar. 24
Mar. 29 Boston, O. — Mar. 24
Mar. 29 Greenville, Miss. — Mar. 17
Mar. 29 Iowa — Mar. 17
Mar. 29 Jennings, La. — Mar. 17
Mar. 29 North Carolina — Mar. 17
Mar. 29 Trenton, N. J. — Mar. 24
Adv. Mar. 24.
Mar. 29 Jackson, Mich. — Mar. 24
Mar. 29 Newton, Ia. — Mar. 24
Mar. 29 Mason City, Ia. — Mar. 24
Mar. 29 Greenville, Miss. — Mar. 24
Mar. 29 Chicago, Ill. — Mar. 24
Mar. 29 Primghar, Ia. — Mar. 24
Mar. 29 Phila., Pa. — Mar. 24
Mar. 29 Wisconsin — Mar. 24
Mar. 29 Crafton, Pa. — Mar. 24
Mar. 30 Ottumwa, Ia. — Mar. 17
Mar. 30 Jasper, Ind. — Mar. 17
Mar. 30 La Crosse, Wis. — Mar. 24
Mar. 30 Cleveland, O. — Mar. 24
Mar. 30 Baltimore, Md. — Mar. 24
Mar. 31 New Ulm, Minn. — Mar. 24
Mar. 31 Mill Valley, Calif. — Mar. 24
Mar. 31 Kentucky — Mar. 3
Mar. 31 Mound City, Ia. — Mar. 10
Mar. 31 Kentucky — Mar. 10
Mar. 31 Wisconsin — Mar. 24
Mar. 31 Vinton, Ia. — Mar. 24
Apr. 1 Tulsa, Okla. — Mar. 17
Apr. 1 Birmingham, Ala. — Mar. 10
Apr. 1 Kentucky — Feb. 17
Apr. 1 Birmingham, Ala. — Feb. 24
Apr. 1 Adel, Ia. — Mar. 24
Apr. 1 Cresco, Ia. — Mar. 24
Apr. 1 Cincinnati, O. — Mar. 24
Apr. 4 Evansville, Ind. — Mar. 24
Apr. 4 San Diego, Calif. — Mar. 24
Apr. 4 Iowa City, Ia. — Mar. 24
Apr. 4 Minot, N. D. — Mar. 10
Apr. 4 South Bend, Ind. — Mar. 17
Apr. 4 New Jersey — Mar. 17
Adv. Mar. 17 and 24.
Apr. 4 Wallingford, Ia. — Mar. 24
Apr. 5 Princeton, Ind. — Mar. 24
Apr. 5 Buffalo, Minn. — Mar. 24
Apr. 5 Decorah, Ia. — Mar. 24
Apr. 5 Gulfport, Miss. — Mar. 24
Apr. 5 Wenatchee, Wash. — Mar. 24
Apr. 5 Washington, Ind. — Mar. 24

Special proposed advertising on page 134

Constr. News page 177

TRADE "LEADITE" MARK

Registered U. S. Pat. Office

Durable Pipe Joints

The wise man builds for the future. Supply lines and distribution systems are usually permanent installations.

Durability and quality should be the first consideration of the product used for making joints in cast iron bell and spigot water mains.

LEADITE is a good product and the leader in its field, because it has gained and retained the recognition, support and patronage of such a great number of water works men for so many years.

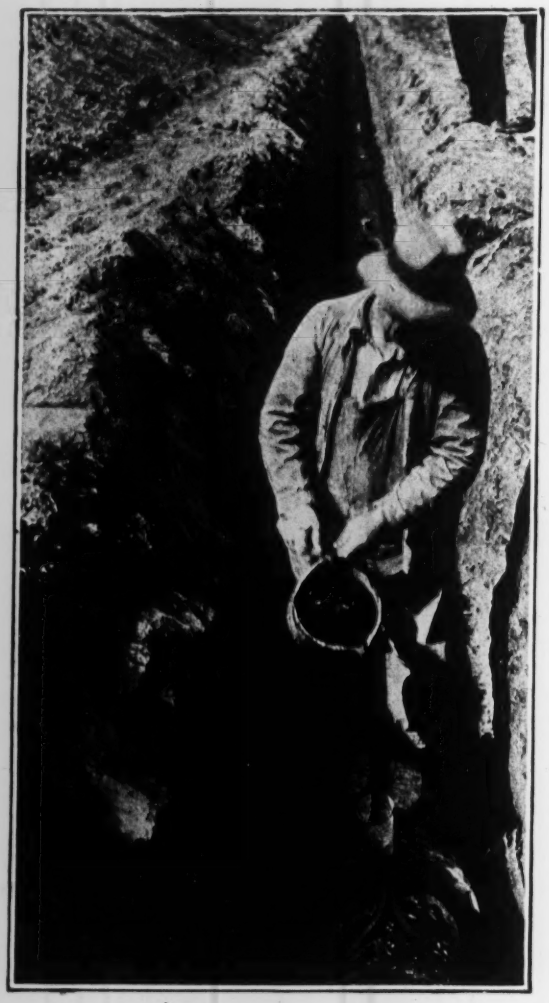
LEADITE has been tested and used for over 30 years, under all pressures and conditions, by water works, railroads, mines, contractors and industrial plants thruout the country.

Thousands of miles of pipe have been laid with LEADITE joints, on all sizes from 4 in. to 60 in. in diameter.

LEADITE takes the drudgery out of pipe laying; saves time, money and labor; makes flexible joints; makes joints which will stand vibration under tracks, over and under bridges; makes joints which resist electrolysis; eliminates large bell holes; reduces trench pumping and other work incidental to caulking—LEADITE requires no caulking.

Every water works man abreast of the times knows about LEADITE. LEADITE is an interesting and familiar topic at water works conventions and wherever water works men congregate.

The up-to-date water works man specifies and uses LEADITE.



Pouring LEADITE Joints on line of 12-in. c. i. bell and spigot water main.

LEADITE saves at least 75%

LEADITE is the pioneer self-caulking material for c. i. pipe

Be Sure It Is LEADITE and Accept No Imitations

THE LEADITE COMPANY, Inc.

1512 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids close	See Eng. News-Record	
Apr. 5	Plymouth, Ind.	Mar. 24
Apr. 5	Tipton, Ia.	Mar. 24
Apr. 6	Gainesville, Fla.	Mar. 17
Apr. 6	Morgantown, W. Va.	Mar. 17
Apr. 6	Freehold, N. J. Adv. Mar. 24.	Mar. 24
Apr. 6	Scarsdale, N. Y. Adv. Mar. 17 and 24.	Mar. 24
Apr. 8	Larned, Kan.	Mar. 17
Apr. 8	Tennessee	Mar. 10
Apr. 8	Muskegon, Mich.	Mar. 24
Apr. 8	New York Adv. Mar. 24.	Mar. 24
Apr. 11	New Jersey Adv. Mar. 24.	Mar. 24
Apr. 12	Oklahoma	Mar. 24
Apr. 12	Lyndon, Kan.	Mar. 24
Apr. 12	Fort Gibson, Miss.	Mar. 24
Apr. 14	Kentucky	Mar. 10
Apr. 14	Marion, Kan.	Mar. 24
Apr. 15	Lawrence, Kan.	Mar. 10
Apr. 15	Canton, O.	Feb. 3
Apr. 15	Anderson, Ind.	Mar. 3
Apr. 15	Phila., Pa.	Mar. 10
Apr. 17	Anderson, Ind.	Mar. 3
Apr. 20	Birmingham, Ala.	Mar. 3
May 1	Duluth, Minn.	Feb. 24

Buildings—Commercial

Mar. 25	Camden, N. J.	Mar. 24
Mar. 26	Newton (Ind. br. Boston), Mass.	Mar. 24
Mar. 28	Jackson, Miss.	Mar. 17
Mar. 29	Louisville, Ky.	Mar. 24
Mar. 31	Chicago, Ill.	Mar. 24
Apr. 1	Anderson, Ind.	Mar. 10
Apr. 1	Wilmington, Del.	Jan. 27
Apr. 1	Canton, O.	Jan. 20
Apr. 1	New Castle, Pa.	Feb. 17
Apr. 7	Newburyport, Mass.	Mar. 24
Apr. 11	Nashua, N. H.	Mar. 24
Apr. 30	Ashland, Ky.	Mar. 24
Apr. 30	Louisville, Ky.	Feb. 17
May 1	La Junta, Colo.	Feb. 3
May 15	Bellingham, Wash.	Mar. 24

Buildings—Industrial

Mar. 25	Camden, N. J.	Mar. 24
Mar. 25	Fairfield, Conn.	Mar. 24
Mar. 28	Phila., Pa.	Mar. 24
Mar. 29	Minnesota	Mar. 24
Mar. 29	St. Paul, Minn.	Mar. 24
Mar. 31	Columbus, O.	Mar. 24
Mar. 31	Ponca City, Okla.	Mar. 17
Apr. 1	Woodburn, Ore.	Mar. 24

Buildings—Educational, Religious

Mar. 26	Quincy (Boston P. O.), Mass.	Mar. 24
Mar. 26	Worcester, Mass.	Mar. 24
Mar. 28	Winsted, Conn.	Mar. 24
Mar. 30	La Grange, Ill.	Mar. 17
Mar. 30	Green Bay, Wis.	Mar. 17
Mar. 30	Penfield, N. Y.	Mar. 24
Mar. 31	Victoria, B. C.	Mar. 10
Apr. 1	Virginia, Minn.	Feb. 3
Apr. 1	Pendleton, Ind.	Mar. 3
Apr. 2	Athens, O.	Mar. 17
Apr. 4	Cleveland, O.	Mar. 17
Apr. 4	Hartford, Conn.	Mar. 24

Bids close	See Eng. News-Record	
Apr. 4	Riverside, Calif.	Mar. 24
Apr. 5	Oakland, Calif.	Mar. 24
Apr. 5	Plainfield, N. J.	Mar. 24
May 1	Monroe, Mich.	Jan. 13

Federal Government Work

Mar. 25	Barges—St. Louis, Mo. Adv. Mar. 17 and 24.	Mar. 17
Mar. 26	Dredging—Clinton, Ia.	Mar. 24
Mar. 29	Buildings, etc.—Sunmount, N. Y.	Mar. 3
Mar. 29	Sand Fill—Gulfport, Miss.	Mar. 17
Mar. 30	Remodeling—Brooklyn, N. Y. Adv. Mar. 17 and 24.	Mar. 17
Mar. 30	Railroad—Boston, Mass.	Mar. 17
Mar. 30	Roofing—Ft. Myer, Va.	Mar. 24
Apr. 1	Pipe Line—Wash., D. C. Adv. Mar. 10 to 24.	Mar. 10
Apr. 4	Post Office—East Las Vegas, N. M.	Mar. 3
Apr. 4	Dormitory—Wash., D. C.	Mar. 24
Apr. 5	Kitchens, etc.—Camp Mabry (mail Bracken), Tex.	Mar. 24
Apr. 5	Buildings, etc.—Alderson, W. Va.	Mar. 3
Apr. 5	Trestles, Wickets, etc.—Louisville, Ky. Adv. Mar. 10 to 24.	Mar. 10
Apr. 5	Scout Cruisers—Wash., D. C.	Mar. 10
Apr. 6	Heating Plant—Phila., Pa.	Mar. 17
Apr. 8	Altering Quarters—Langley Field (Ind. br. Hampton), Va.	Mar. 24
Apr. 11	Post Office—Shelbyville, Ky.	Mar. 17
Apr. 11	Hospital—Ft. Sill (Ind. br. Lawton), Okla.	Mar. 24
Apr. 12	Canal—Oregon	Mar. 10
Apr. 12	Fences and Gates—Livermore, Calif.	Mar. 17
Apr. 12	Refrigerating Equipment—Oteen, N. C.	Mar. 17
Apr. 12	Refrigerating Equipment—Maywood, Ill.	Mar. 17
Apr. 13	Marine Railway—San Diego, Calif. Adv. Mar. 17 and 24.	Mar. 17
Apr. 14	Mechanical Equipment, etc.—Chicago, Ill. Adv. Mar. 24.	Mar. 24
Apr. 14	Dredging—Richmond, Calif.	Mar. 24
Apr. 15	Dredging—Hartford, Conn. Adv. Mar. 17 and 24.	Mar. 17
Apr. 18	Gangway—Port Townsend, Wash.	Mar. 24
Apr. 19	Post Office—McKees Rock, Pa. Adv. Mar. 24.	Mar. 24
Apr. 26	Post Office—Lancaster, S. C. Adv. Mar. 24.	Mar. 24
Apr. 26	Receiving Building—Oteen, N. C.	Mar. 24
Apr. 26	Post Office—Lancaster, S. C.	Mar. 24
Apr. 29	Post Office—Chamberlain, S. D.	Mar. 24
June 1	Quarters—Canacao, P. I.	Mar. 3

Unclassified

Bids close	See Eng. News-Record	
Mar. 25	Gallows Frame—New York, N. Y.	Mar. 17
Mar. 25	Borings—New York	Mar. 17
Mar. 28	Power Unit—Boston, Mass.	Mar. 17
Mar. 28	Culverts—Vinton, Ia.	Mar. 24
Mar. 30	Electrical Work—Buffalo, N. Y.	Mar. 3
Mar. 30	Fire Alarm Equipment—Central Islip, N. Y.	Mar. 10
Apr. 1	Special Work—Brooklyn, N. Y.	Mar. 24
Apr. 5	Track Work—Boston, Mass.	Mar. 17
Apr. 5	Borings—New York Adv. Mar. 24.	Mar. 24
Apr. 5	Culverts—Tipton, Ia.	Mar. 24
Apr. 7	Heating and Ventilating—Indianapolis, Ind.	Mar. 17
Apr. 7	Land Development—Myrtle Beach, S. C. Adv. Mar. 24.	Mar. 24
Apr. 12	Heating and Ventilating System—Columbia, Mo.	Mar. 24
Apr. 13	Refrigeration Equipment—Kings Park, N. Y. Adv. Mar. 17 and 24.	Mar. 17

Materials

Mar. 25	Stone, etc.—Buffalo, N. Y.	Mar. 24
Mar. 25	Gasoline—Long Island City, N. Y.	Mar. 24
Mar. 25	Crushed Stone—Boston, Mass.	Mar. 24
Mar. 26	Crushed Lime Stone and Washed Gravel—Spencer, Ind.	Mar. 17
Mar. 28	Stone, Brick, etc.—Cambridge (Boston P. O.), Mass.	Mar. 24
Mar. 28	Rails, Splice Bars, etc.—Phila., Pa.	Mar. 24
Mar. 28	Gasoline—New York, N. Y.	Mar. 24
Mar. 28	Gravel, Sand and Cement—Boston, Mass.	Mar. 24
Mar. 28	Cement—New York, N. Y.	Mar. 24
Mar. 28	Binder, Sheet Asphalt, etc.—Cleveland Heights (br. Cleveland), O.	Mar. 24
Mar. 29	Engine Track Arches, Nails, etc.—Phila., Pa.	Mar. 24
Mar. 30	Asphalt or Tar—Clayton, Mo.	Mar. 24
Mar. 30	Steel Bars, Wire, etc.—Phila., Pa.	Mar. 24
Mar. 31	Battery Material, etc.—Boston, Mass.	Mar. 24
Apr. 1	Granite Edgestones—Boston, Mass.	Mar. 24
Apr. 1	Culvert Pipe—Nevada, Ia.	Mar. 24
Apr. 4	Emulsified Asphaltic Concrete—Greencastle, Ind.	Mar. 24
Apr. 4	Culvert Pipe—Primghar, Ia.	Mar. 24
Apr. 4	Culvert Pipe—Iowa City, Ia.	Mar. 24
Apr. 7	Concrete and Metal Culverts—Cavalier, N. D.	Mar. 24

News of the Week

Waterworks

Proposed Work

Mass., Foxboro—Plans extending mains in various streets. $33,100 appropriated. Private plans.

Mass., Hull—Voted $15,000 bonds, improving waterworks. Private plans.

Mass., Lexington—Plans extending and repairing mains in various streets. $60,430 appropriated. Private plans.

Mass., Melrose (Ind. br. Boston)—Plans mains in various streets. $20,000 appropriated. Private plans.

N. Y., Harriman—Bd. Village Trustees, F. J. Watson, pres., takes bids about June 1, water supply, $75,000. H. J. Harder, 129 Market St., Paterson, N. J., engr. Noted Nov. 26, 1925.

N. J., South River — Mayor and Boro Council plan iron removal plant, machinery pipe and equipment, etc., for waterworks. $20,000. W. A. Allgair, Mayor.

Pa., Pittsburgh—Dept. Pub. Wks., Bureau of Water, soon takes bids laying and relaying water line. $48,000; also constructing 20 in. c.i. water line, $195,000.

Pa., Pittsburgh—Bureau of Water, City County Bldg., soon takes bids 2- to 4-in. concrete relining Highland Reservoir 2, incl concrete fence. $335,000.

Md., Easton—Voted $60,000 bonds, 50,000 gal. storage tank, new pipe lines and new municipal building. E. G. Kastenhuber, Easton, engr. Noted Jan. 27.

Va., Petersburg — See "Streets and Roads."

La., Many—Voted $50,000 bonds, complete waterworks and distribution system.

La., Shreveport—Voted $150,000 bonds, improving and extending waterworks; and $100,000 bonds, extending sewers in various streets. Noted Jan. 27.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Tenn., Centerville—Making plans new waterworks. $25,000. F. L. Wilcox, Chemical Bldg., St. Louis, Mo., consult. engr. Noted Nov. 25.

Tenn., Nashville—Made plans and soon takes bids filtration plant. To exceed $15,000. J. N. Chester Eng. Co., Union Bank Bldg., Pittsburgh, Pa., engrs.

Tenn., Petersburg — Made preliminary plans new waterworks. $40,000. J. W. Murray, mayor.

O., Cincinnati—Hamilton Co. plans constructing Water Supply Line 13, Dists. 2, 4 and 5, 26,558 ft. 6- to 10-in. c.i. pipe. $67,334. L. C. Boyatt, Court House, engr.

Mich., Berkley—Plans 12 in. or larger dia. deep well, also test well. $15,000. R. A. Murdoch Co., 602 Transportation Bldg., Detroit, engrs.

Mich., Detroit — Dept. Water Supply making plans 1 m.g. elevated steel water tank, to be known as Wayne Tank, and used as pressure equalizer, railroad siding and Telegraph Rd., in Wayne. G. H. Fenkell, 176 East Jefferson Ave., genl. engr.

Mich., Laingsburg—Making plans elevated tank, electrically operated pump and mains. $15,000. G. H. Ruhling & Co., 16549 Woodward Ave., Highland Park, engrs.

Ill., Edwardsville—Edwardsville Water Co., c/o Gannett, Seelye & Fleming Co., 1 North Market Sq., Harrisburg, Pa., made plans 500,000 gal. reservoir, 6 mi. new mains, rein.-con. cover over present reservoir and cleaning 5 mi. mains between here and Poag. $75,000. Private plans.

Ia., Audubon—Making plans new water supply, pumping equipment, mains, etc. $50,000. W. E. Buell & Co., 205 Davidson Bldg., Sioux City, engrs.

Constr. News page 178

IT IS BEING DONE

YOU CAN DO IT, TOO!

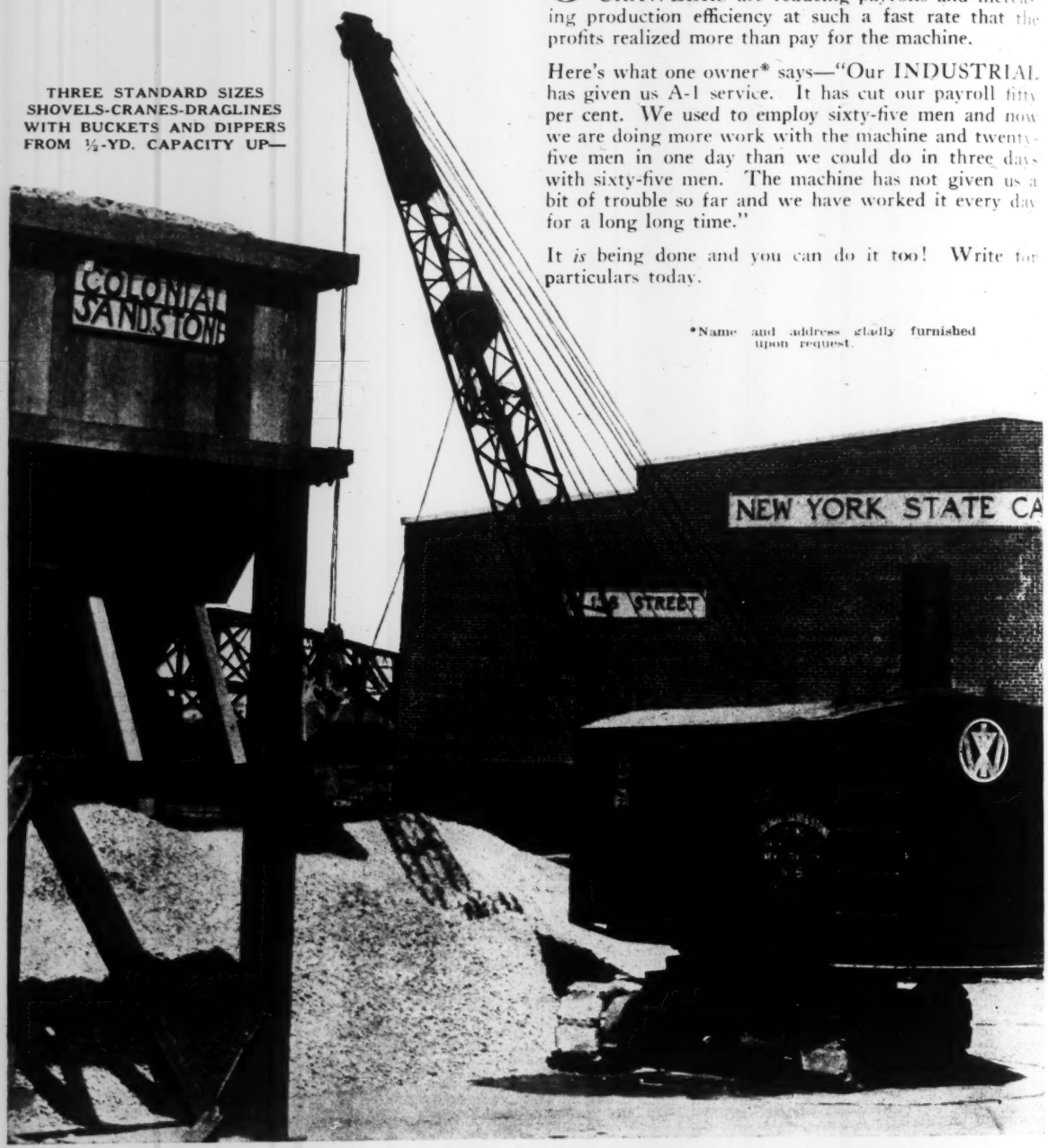
OWNERS of INDUSTRIAL ALL-PURPOSE CRAWLERS are reducing payrolls and increasing production efficiency at such a fast rate that the profits realized more than pay for the machine.

Here's what one owner* says—"Our INDUSTRIAL has given us A-1 service. It has cut our payroll fifty per cent. We used to employ sixty-five men and now we are doing more work with the machine and twenty-five men in one day than we could do in three days with sixty-five men. The machine has not given us a bit of trouble so far and we have worked it every day for a long long time."

It *is* being done and you can do it too! Write for particulars today.

*Name and address gladly furnished upon request.

THREE STANDARD SIZES
SHOVELS-CRANES-DRAGLINES
WITH BUCKETS AND DIPPERS
FROM ½-YD. CAPACITY UP—



INDUSTRIAL WORKS, BAY CITY, MICHIGAN

BRANCHES

Atlanta, Ga., Hurt Bldg. | Chicago, Ill., McCormick Bldg. | Cincinnati, Ohio, Dixie Terminal Bldg. | Detroit, Mich., Book Building | New Orleans, Louisiana, Whitney Central Bldg. | New York City, 50 Church St.

Philadelphia, Pa., Packard Building | Pittsburgh, Pennsylvania, Chamber of Commerce Bldg. | San Francisco, Calif., Monadnock Building | St. Louis, Mo., Railway Exchange | Tampa, Florida, 823 S. Oregon Ave.

Waterworks (Continued)

Ia., Massena—Takes bids about Apr. 13, complete waterworks and distribution system. $30,000. H. D. Hancock, city clk. Noted Oct. 28.

Minn., Morningside (Minneapolis P. O.)—Voted $20,000 bonds, 8,000 lin.ft. mains, connecting with Minneapolis waterworks. Engineer not announced.

Kan., Garnett—Election Apr. 5, $35,000 bonds waterworks improvements and extensions.

N. D., Northwood — Plans new waterworks and sewerage system. $46,500. Engineer not announced.

Mo., New Madrid—Soon takes bids approximately 16,000 ft. 4 in. c.i. mains, fire hydrants, etc. $19,000. A. C. Moore, 715 Joplin Natl. Bank Bldg., Joplin, engrs. Noted May 6.

Mo., St. Charles—Election probably Apr. 5, $47,000 bonds, 2 story, brick and concrete filtration plant with auxiliary piping and drainage, etc. Edward Flad & Co., 916 Chemical Bldg., St. Louis, engrs.

Mo., Versailles—Election Apr. 5, $19,800 bonds, extending water distribution system.

Tex., Abilene—Making plans waterworks improvements, incl. reservoir on Cedar Creek $500,000, and water connections $100,000. Nagle, Witt-Rollins & Gilchrist, 2003½ Main St., Dallas, engrs. Noted Mar. 17.

Tex., Columbus—O. A. Zumwalt, mayor, made preliminary plans waterworks. $55,000. Private plans. Noted Feb. 10.

Tex., Hughes Springs — Making plans waterworks, incl. artesian well, concrete reservoir, etc. Election later $60,000 bonds for same. E. L. Dalton, 319 Wilson Bldg., Dallas, engr.

Tex., Levelland—Take bids after May 1, waterworks and sewer improvements, incl. tank and tower and 3½ mi. 2- to 8-in. mains, $50,000; also 3½ mi. 6- to 12-in. sewers and disposal plant, $25,000. Hawley & Roberts, Lubbock, engrs. Noted Jan. 6.

Tex., Lewisville—Made plans complete waterworks. $62,000. F. J. Van Zuben, 611 Dan Waggoner Bldg., Ft. Worth, engr. Noted Feb. 3.

Tex., Lockney — Election soon $25,000 bonds, extending waterworks. Hawley & Roberts, Box 1115, Lubbock, engrs.

Tex., Mineral Wells — U. S. Property & Disbursing Officer, Camp Mabry, taking bids improving distributing system, etc., here, for Texas Natl. Guard.

Tex., Wichita Falls—Making plans 500,000 gal. steel elevated water tank. $40,000. Black & Veatch, Mutual Bldg., Kansas City, Mo., engrs.

Okla., Chelsea—Plans waterworks, incl. 75,000 gal. tank on 100 ft. steel tower, 820 ft. dam across Snake Creek, etc. Election soon to vote on bonds to exceed $15,000 for same. Benham Eng. Co., 521 Gumbel Bldg., Kansas City, Mo., engrs. Noted Nov. 25.

Okla., Earlboro — Making plans new waterworks. $20,000. E. W. Gantt, 1116 West Main St., Oklahoma City, engrs.

Okla., Sayre—Election Apr. 4, $53,000 bonds, waterworks improvements; and $12,000 bonds sewers in various streets. E. W. Gantt Co., 1116 West Main St., Oklahoma City, engrs. Noted Jan. 20.

Wash., Aberdeen—Plans 3 mi. tunnel, 80-100 m.g. capacity 2.5 mi. conduit, etc., on lower Wynooche River, Wedekind Creek. Noted Dec. 23.

Calif., Gustine — City plans purchasing deep well turbine pump and equipment. A. E. Cowell, Merced, engr.

Calif., Santa Ana—City plans purchasing 2,676 ft. 14 in. B. & S. c.i. pipe, 576 ft. 20 in., and 264 ft. 16 in. c.i. fittings. E. L. Vegely, city clk.

Ont., Goderich—Plans altering pumping station and installing auxiliary steam pumping unit as standby, steam boiler, pumps, etc. $20,000. E. H. Darling, 72 James St. N., Hamilton, engr. Noted Mar. 3.

Que., Three Rivers—Plans water meters and c.i. mains in St. Jean Baptiste, Royal, St. Oliver, and Defoix Sts. $51,272. Z. Lambert, Three Rivers, engr.

Bids Desired

Mass., Boston—Apr. 15, by Metropolitan Dist. Water Supply Comn., 24 School St., 9,000 lin.ft. 30 in. pipe, etc., in Southboro. F. E. Winsor, ch. engr. comn.; adv. E N.-R. Mar 24.

N. Y., Brooklyn—Apr. 1, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Avenues, K, M, H, L, T, and U, Bedford, Schenectady, Troy and 8th Aves., Anthony, Batchelder, Brown, Covert, Crown, Hemlock Sts., etc.; also high pressure fire hydrants in Surf Ave. between West 28th and 37th Sts., here.

N. Y., Pittsford—Mar. 29, by Bd. Water Comrs, Knollwood Water Dist., at office W. S. Lozier, Inc., engrs., 10 Gibbs St., Rochester, mains and appurtenances in various streets, here.

N. J., Hamburg—Mar. 30, by Boro Council, Council Room, water Supply distribution system, Contr. 1; well and pumping station, Contr. 2; and stand pipe, Contr. 3. J. A. Foulks, 20 Beaver St., Newark, consult. engr.; adv. E. N.-R. Mar. 24. Noted Mar. 3.

N. J., Newark—Apr. 7, by North Jersey Dist. Water Supply Comn., 24 Commerce St., clearing 1,650 acres and grubbing 150 acres Wanaque Reservoir. M. R. Sherrerd, consult. engr. A. H. Pratt, ch. engr.

N. J., Stanhope—Apr. 6, by Mayor and Boro Council, Boro Hall, 8,560 lin.ft. 6 and 8 in. c.i. pipe, etc. F. W. Salmon, Netcong, boro clk.; adv. E. N.-R. Mar. 24.

S. C., Myrtle Beach—See "Unclassified."

O., Cleveland — Mar 30, by Bd Comrs. Cuyahoga Co., 7,400 ft. 6 and 12 in. c.i. main in Highland Dr. F. Williams, Court House, engr.

Mich., Muskegon — Apr. 8, by T. L. Christianson, city clk., City Hall, lowering 2,500 lin.ft. 24 in. c.i. main from 2 to 4 ft. in clay soil, recaulking same and lowering service connections, $15,000. H. J. Lewis, City Hall, engr.

Wis., Racine — Apr. 4, by Bd. Water Comrs., City Hall, intake line, c.i. pipe, valves, etc. Alvord, Burdick & Howson, 1417 Hartford Bldg., Chicago, Ill., engrs.; adv. Mar. 24.

Minn., North Mankato—Mar. 28, by I. J. Hensel, city clk., waterworks, incl. mains, well, pump house and equipment. $20,000. L. P. Wolff, Globe Bldg., St. Paul, engr. Noted Oct. 21.

Mo., St. Louis—Apr. 12, by Bd. Pub. Serv., 208 City Hall, two 330 x 406 ft., rein.-con. settling basins, 20 ft. deep, four 150 x 150 ft. sedimentation basins, 20 ft. deep, three 80 ft. diam. chemical mixing chambers, 15 ft. deep, sluice gates, etc $950,000. L. Day, City Hall, comr. Noted July 22.

Tex., San Antonio—See "Unclassified."

Calif., Los Banos — Apr. 6, by City Trustees, 5,923 ft. 6 in. and 7,695 ft. 4 in. c.i., also 1,907 ft. 2 in. galvanized iron mains, etc., in portions R, 6th and 7th Sts., etc. $17,500. E. T. Bartlett, Amer. Bank Bldg., Tracy, engr. Noted Dec. 2.

Calif., Madera—Apr. 4, by J. Wakefield, city clk., 2,000 ft. 6 in. c.i. pipe for water-mains.

Calif., Paradise—Apr. 5, by J. E. Alley, secy. Paradise Irrigation Dist., one Byron Jackson 5 deep well pump, 16 in. 4 stage, 1,350 gal. capacity per min. against 130 ft. head; one G. E. Electric Motor, built-in-head type, 60 hp. 440 volts, 1,200 r.p.m.; also one G. E. Electric auto starter CR 7051.

Calif., Red Bluff — Apr. 4, by E. F. Lennon, city clk., one 1,200 g.p.m. horizontal, single stage, high-speed d.c. centrifugal pump and motor.

Ont., Merritton—Mar. 28, by J. Clark, chn. Waterworks Comn., 1 story, 44 x 60 ft. brick, concrete and steel pump house in connection with waterworks filtration plant 1½ m.g.p.d. capacity. $60,000. E. H. Darling, Federal Bldg., Hamilton, engr. Noted Mar. 10.

Bids Received

N. Y., Brooklyn — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., Mar. 15, mains in Avenue M, from Palladino Contg. Co., 1479 Park Ave., New York City, $11,672; in Flatbush Ave., from Wataga Contg. Co., 308 Lenox Ave., New York City, $467; also in Avenues O and T, from Riverdale Waterworks, 355 East 113th St., New York City, $11,614. Noted Mar. 10.

N. Y., New York—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., Mar. 15, mains in Bogart Ave., from Sareno Contg. Co., $5,315; in Burke Ave., from Palladino Contg. Co., 1479 Park Ave., $3,442; and in Close St., from Knight & DeMicco, Inc., 448 East Tremont Ave., $4,330. Noted Mar. 10.

N. Y., Thiells — Dept. Mental Hygiene, Capitol, Albany, Mar. 16, earth dam, concrete spillway and diversion dam, etc. at Letchworth Village, in Haverstraw, about 3 mi. west of here, from Curtis & Harper, 490 Bway., Newburgh, $44,420. Noted Mar. 3.

N. J., Newark—North Jersey Dist. Water Supply, 24 Commerce St., constructing Midvale and Furnace Rd. dams for Wanaque Reservoir, from Winston & Co., 240 Fair St., Kingston, N. Y., $243,550.

Contracts Awarded

Conn., Meriden—For 12- and 16-in. mains in Kensington Rd., to A. W. Byrne, Hartford, and 5,000 ft. 6 in. main in East Main and North Colony Rd., to L. Suzio Constr. Co., State St. Engrs. est. $25,000. Noted Feb. 17.

Pa., Pittsburgh—City Controller, motor-driven centrifugal pumps and appurtenances, etc., to Dravo Doyle Co., 302 Penn Ave., $44,585. Engrs. est. $50,000. Noted Feb. 3.

Md., Baltimore—Bd. Awards, excavating trenches and laying mains in Maynadier and Lake Aves., to M. and J. B. McHugh, 3911 Woodbine Ave., $13,470. Noted Mar. 10.

Md., Hagerstown — Mayor and Council, through Bd. Water Comrs., City Hall, pumping station filtration plant, reservoirs, pipe lines, drains, 1 and 3 story, 74 x 161 ft. filter house, pump, and 108 x 161 ft. storage house, to North-Eastern Constr. Co., Lexington Bldg., Baltimore, $387,475. Noted Feb. 17.

O., Cleveland—Cuyahoga Co., 26,000 ft. 12 and 16 in. c.i. main in Lorain Rd., Impvt. 760, to Great Lakes Constr. Co., 6233 St. Clair Ave., $140,643. Noted Mar. 17.

O., Euclid—Main in Fullerwood Sub-division, to W. H. Knaser, 1564 Chardon Rd., $23,855.

Mich., Jackson—For 94 tons 6, 8 and 12 in. c.i. pipe, f.o.b. Jackson, to J. B. Clow & Sons, North Talman Ave. and West Lake St., Chicago, Ill., at $43.50 per ton.

Mich., Wyandotte—E. C. Bryan, city clk., 4,890 lin.ft. 6 in. c.i. mains in Dist. 75, to Ferndale Drainage Constr. Co., Ferndale, for City. Approximately $15,000.

Ill., Highland Park—Village, 6- to 20-in. c.i. mains in various streets, to W. J. Newman & Co., 19 North Curtis St., Chicago, $281,956. Engrs. est. $350,508.

Kan., Leon—New waterworks, incl. 50,000 gal. tank, etc., to Dwight Chapman, Jr., 244 South Erie St., Wichita. Engrs. est. $30,000.

Neb., Brainard—City Clerk, 50,000 gal. rein.-con. reservoir, 120 g.p.m. motor-driven pump, transformer, etc., to David City Concrete Co., David City, $6,500. Noted Mar. 3.

N. D., Bottineau—Improving waterworks, incl. 16,664 ft. 8 in. and 1,758 ft. 6 in. c.i. mains, gate valves, ground water collection works, brick gallery and subsurf dams and wells, to Haggart Constr. Co., Fargo, $56,817. Noted Feb. 24.

Mo., St. Louis—Supply Comn., City Hall, approximately 750 tons special castings for Water Dept., to Bessemer Fdry. & Machine Co., Bessemer, Ala., at $72.63 per ton f.o.b. St. Louis.

Ark., Marianna—O. C. Sutton, pres. and H. B. Shumaker, secy. Water Impvt. Dist. 2, distribution system, station piping and mechanical features, to J. B. McCrary Eng. Corp., Citizens & Southern Bank Bldg., Atlanta, Ga., $68,965; filter plant, pumping station and reservoir, to Jennings & Samuel, Marianna, $33,685; and filtering equipment, to P. B. Leopold & Co., 422 1st Ave., Pittsburgh, Pa., $6,785. Grand total $109,435. Noted Mar. 3.

Tex., Shamrock—Waterworks improvements, incl. 1 m.g. concrete storage reservoir with necessary pipe, valves, etc., to Orman Constr. Co., Childress, approximately $25,000.

Wash., Medina—Parker & Hill, engrs., L. C. Smith Bldg., 60,000 gal. tank on tower, pumping plant and approximately 4 mi. distribution lines, to McHugh & Coluccio, 517 3rd Ave. N., Seattle, $24,027.

Calif., Beverly Hills—For 8 and 14 in. riveted steel pipe line, to Los Angeles Mfg. Co., 2500 East 23rd St., Los Angeles, $7,358; also 18 in. (¼ in. welded) steel pipe line, to T. Haverty Co., 8th and Maple Sts., Los Angeles, $19,575. Noted Feb. 25.

Calif., Inglewood—City, to Amer. Cast Iron Pipe Co., Rives-Strong Bldg., Los Angeles, 5,000 ft. 4 in. c.i. pipe at $0.53 per ft., and 6,000 ft. 6 in. $0.725. Noted Feb. 24.

Calif., Los Angeles—J. P. Vroman, secy. Water & Power Comn., to Grinnell Co., 520 Mateo St., 120,000 ft. Class "C" c.i. pipe at $0.43 per ft., and 240,000 ft. 6 in. Class "B" $0.675.

B. C., Vancouver—City Council, 10,000 ft. each 8 and 12 in. c.i. pipe, to Evans, Coleman & Evans, Ltd., foot of Columbia Ave., $36,100; also one hundred 6 in., twenty-five each 8 and 12 in. hub end gate valves, to McAvity & Sons, Ltd., 566 Beatty St., $3,825. Noted Feb. 17.

Sewers

Proposed Work

Mass., Lexington—Plans new sewerage system. $27,000 appropriated. Private plans.

Mass., Melrose (Ind. br. Boston)—Plans surface drainage, constructing main drain and sewers in various streets. $30,000 appropriated. Private plans.

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Sewers (Continued)

Mass., Milton—Plans additional sewers in various streets. $50,000 appropriated. Private plans.

Mass., Stoneham—Plans sewers in various streets. $150,000. Town Engineer.

Mass., West Roxbury (br. Boston)—Dept Pub. Wks., Boston, plans sewers in Ferndale Rd., Cedar and Maynard Sts., here J. H. Sullivan, comr.

Conn., Bridgeport—Plans screening plant, and connecting Black Rock system by means intersector at Brewster St. with Boswick Ave. disposal plant. $400,000. J. A. McElroy, city engr.

La., Shreveport—See "Waterworks."

N. J., Bay Head — Boro Council plans 5,000 ft. 5 and 8 in. terra cotta and c.i. pipe sewers, etc. in various streets. S. C. Forsythe, boro clk.

N. J., Paterson — City, H. L. Bristow, clk., plans sewers in Lackawanna Plaza, Canal St. extension 9th, 7th, Bloomfield, and 5th Aves., Clay, Mill, East 25th, 26th, 27th and 28th Sts. $65,000.

Va., Petersburg — See "Streets and Roads."

S. C., Myrtle Beach—See "Unclassified."

Ky., Louisville—Bd. Sewer Comn. plans South Western Storm Water Outlet, incl. 4 mi. open ditch connecting certain sewers with Ohio River, 700,000 cu.yd. earth excav., 4 timber bridges ,etc. $500,000. J. B. Breed, Board Trade Bldg., ch. engr.

Mich., Muskegon — Making preliminary surveys sewage disposal plant. $250,000. Pearce, Greeley & Hansen, 6 North Michigan Blvd., Chicago, Ill., and Hoad, Decker, Shoecraft & Drury, Ann Arbor, engrs.

Ill., Herrin—Soon takes bids sewage disposal plant, sanitary sewers, etc., in various streets. $300,000. C. H. Anderson, City Hall, engr. Noted Apr. 9, 1925.

Wis., New London—Making plans sewerage system on north side city. $25,000. H. B. Albert, City Hall, engr.

Kan., Abilene—Making preliminary plans extending concrete or vitr. clay outlet sewer from old channel to new channel of Smoky Hill River. $30,000 upwards.

Kan., Abilene—Plans extending sewers in various streets. $35,000-$75,000. M. E. Calkins, city clk.

Kan., Pratt—Making plans sewage disposal plant. $25,000. Haskins & Crawford, 824 Finance Bldg., Kansas City, Mo., engrs.

N. D., Jamestown—W. O. DePuy, city aud., making plans purchasing land, constructing sewage disposal plant, power extension and installing main sewer. $120,268. H. H. Hurning, city engr. Noted May 27.

N. D., Northwood—See "Waterworks."

Mo., Hannibal — Making preliminary plans vitr. clay and concrete sewers, etc., in Oakwood Sewer Dist. $73,000. R. Gettler, City Hall, engr.

Mo., New Madrid—Soon takes bids approximately 25,000 ft. 8- to 12-in. vitr. clay sewers in various streets. $31,000. A. C. Moore, 715 Joplin Natl. Bank Bldg., Joplin, engr. Noted Dec. 16.

Mo., St. Joseph—Takes bids in April or May, complete sewerage system in Brookdale Dist. $800,000. W. M. Spann, city engr. Noted Dec. 30.

Mo., St. Louis—Making preliminary plans vitr. clay and brick or segmental block sewers in Highlands Joint Sewer Dist. $64,000, and Arloe Sewer Dist. 5 $10,000; also grading and granitoid sidewalks in various parts city, $21,615. W. W. Horner, 300 City Hall, engr.

Mo., Springfield—Election Apr. 1, $325,000 bonds, sewers in various streets. S. R. Fisher, City Hall, and Russell & Axon, 404 McDaniel Bldg., engrs. Noted Mar. 3.

Tex., Arlington — Voted $30,000 bonds, sewer improvements, incl. extending system. J. B. Hawley, 403 Cotton Exch. Bldg., Ft. Worth, consult. engr.

Tex., Columbus—Election soon $75,000 bonds, sewerage system. O. A. Zumwalt, mayor.

Tex., Mercedes — Voted $95,000 bonds, extending sewers and laterals in various streets. W. E. Anderson, San Benito, engr. Noted Feb. 17.

Tex., McLean — Plans new sewerage system. $60,000. C. L. Hasle, Memphis, engr. Noted Jan. 27.

Tex., Pelly (br. Goose Creek) — Voted $35,000 bonds, sewerage system. Engineer not selected.

Tex., Perryton—Making surveys sewerage system and disposal plant. $40,000. Devlin Eng. Co., 127 Central Bldg., Amarillo, engrs.

Okla., Chelsea — Election soon $25,000 bonds, sewers and sewage disposal plant. Benham Eng. Co., 521 Gumbel Bldg., Kansas City, Mo., engrs. Noted Nov. 18.

Okla., Okeene—Will probably call new election soon $47,000 bonds, sanitary sewerage system. Noted Mar. 17.

Okla., Perkins—Made preliminary plans 5 mi. new sanitary sewerage system. $30,000. H. A. Platt, city clk. Engineer not selected.

Okla., Sayre—See "Waterworks."

Okla., Tulsa — Making plans sewers in Owen Park and Ingram Lewis additions. $55,000. C. Schultz, City Hall, engr.

Okla., Wewoka—Made preliminary plans extending 30,100 ft. 6- to 10-in. vitr. clay sewers, etc., in Terrace and Wewoka additions. $40,000. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Calif., Pomona—Plans 8- to 12-in. vitr. sewers, etc. in Hamilton St., etc. To exceed $25,000. F. C. Froehde, city engr.

Calif., San Luis Obispo—Plans election $25,000 bonds, constructing (1st unit) sewer plant, incl. Imhoff tanks, outfall sewer. Noted Feb. 3.

Ont., Leamington—Town Council plans 1½ mi. 8 in. and up sewer in southern section town with outlet into Lake Erie. $30,000. J. J. Newman, Davis Blk., Windsor, engr.

Ont., Leaside—Plans concrete and rein.-con. sewage disposal plant. $25,000. D. J. Bell, Loudan Ave., engr.

Ont., St. Catharines — Plans approximately 6,000 ft. 8 in. and up vitr. tile sewers in Russell and Welland Aves., and 5 streets, $30,000. B. F. Lamson, City Hall, engr.

Ont., Toronto—York Twp. plans 6,500 ft. 8 in. and up vitr. tile sewers in East Dr., Jane St., Rockliffe Blvd. and 3 avenues. $25,000. F. B. Goedike, 40 Jarvis St., engr.

Ont., Toronto—Plans 8 in. and up vitr. tile sanitary and storm sewers in Harbor Comn. property on waterfront, Carling Ave. and 5 lanes. $47,755. R. C. Harris, City Hall, engr.

Ont., Toronto—Plans extending 2-3 mi. 8 in. and up vitr. tile sewers in Harbor property below Sherbourne St. $70,000. R. C. Harris, City Hall, engr.

Ont., Windsor—City Council plans extending sewers in various streets. $85,000. Work will be done under direction M. E. Brian, city engr.

Bids Desired

Mass., Boston — Mar. 31, by Dept. Pub. Wks., sewerage works in Milton Ave., Dorchester; Apr. 1, in Faneuil Hall Sq., Dock Sq. and Union St., here. $25,000. J. H. Sullivan, comr.

Conn., Wallingford—Apr. 12, by Warden and Court of Burgesses, relief sewer and appurtenances in Ward St. W. A. MacKenzie, boro engr.; adv. E. N.-R. Mar. 24.

N. Y., St. George — Mar. 30, by J. A. Lynch, pres. Richmond Boro, Boro Hall, reconstructing temporary storm water sewer in Victory Blvd. from east side Clove Rd. to point about 800 ft. west of Clove Rd., etc.

N. J., South Orange—Apr. 1, by Streets & Highways Com. Bd. Trustees, Village Hall, storm water and sanitary sewers in Wyoming Ave. between South Orange Ave. and Cedar Lane. I. T. Redfern, village engr.

N. J., Teaneck—Apr. 5, by Twp. Com., Municipal Bldg., 1,400 ft. 8 in. sanitary sewers in Grayson and Cranford Pls. Sanborn & Bogert, 30 Church St., New York City, consult. engrs.; adv. E. N.-R. Mar. 24.

O., Cleveland—Mar. 30, by Bd. Comrs. Cuyahoga Co., 4,600 ft. 6- to 36-in. segmental or brick block sewer in West 51st St. and Milford Ave., Impvt. 115; 16,000 ft. 8- to 54-in. sewer in West 31st St., Impvt. 110; also 1,200 ft. rein.-con. box sewer in Gregory Ditch, $25,000. F. Williams, Court House, engr. Noted Feb. 17.

O., Toledo — Mar. 31, by Bd. Comrs. Lucas Co., constructing Local Sanitary Sewers 69, 108 and 149, also Water Supply Lines 28, 130, 146 and 152. A. E. Schmidt, clerk.

Mich., Grand Rapids—Mar. 30, by F. H Locke, city mgr., constructing Coldbrook Creek Drain, Contr. F-8, 4,920 ft. rein.-con. pipe.

Ill., Chicago—Mar. 29, by City, City Hall, tile sewers with brick manholes and catch basins in 1 alley, 2 streets and 9 avenues. F. X. Rydzewski, vice.-pres. Bd. Local Impvts.

Calif., Huntington Park — City Council taking bids 25,557 ft. 6- to 15-in. vitr. sewer, etc., in Wilson Tract (Florence Ave., etc.). H. S. McCurdy, city engr. Noted Mar. 10.

Calif., Los Banos — Apr. 6, by City Trustees, 43,762 ft. 6- to 24-in. vitr. or concrete pipe, etc., for sanitary and drainage sewers. E. T. Bartlett, Amer. Bank Bldg., Tracy, engr.

Calif., Redondo Beach — City Trustees taking bids 15 in. sewer, etc., in Beryl St. and Hermosa Ave., etc.

Calif., Sacramento—Apr. 14, by H. G. Denton, city clk., 3 pumps, 3 motors and auxiliary equipment for Sewage Pumping Station 2. $35,000. A. J. Wagner, city engr.

Bids Received

N. Y., Freeport—Village Sewer Comrs., at office Village Clerk, West Merrick Rd., Mar. 14, sewage treatment plant from J. P. White. 52 Lexington Ave., New York City; and pipe, from Riverdale Constr. Co., 100 East 45th St., New York City. Noted Feb. 17.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Mar. 21, sewer in Ditmars and Van Buren Aves., from J. Gallo, 169 10th St. $7,823 and (a) $17,400 respectively; in Nelson and Van Buren Aves., from G. A. Everett, 13030 109th St., Richmond Hill, $4,887 and (b) $13,179 respectively. Noted Mar. 17.

N. Y., New York — H. Bruckner, pres Bronx Boro, Crotona Park, 3rd and Tremont Aves., Mar. 15, sewers in Boston Rd., from A. Caserta, 2442 Barnes Ave., $2,855; in East 216th St. and Barnes Ave., from A. Gregorio & Co., Inc., 1121 Neil Ave., $63,976 and $21,734 respectively.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, Mar 16, sewer in Fremont Ave., etc., from F. J. Zarelli, 390 Carey Ave., Port Richmond, $56,649. Noted Mar. 10.

N. J., Nutley — S. Blum, town clk., Town Hall, Mar. 15, storm water sewer in Bloomfield Ave., from W. J. D. Lynch, Post Office Bldg., $105,323. Noted Feb. 24.

Contracts Awarded

D. C., Wash.—District Comrs., District Bldg., Mt. Pleasant Relief Sewer to W. F. Brenizer Co., 101 New York Ave. N. E. $23,099; and Georgia Ave. Service Sewer to W. A. Pate, Rockville, Md. $10,211. Noted Feb. 17.

La., Marksville—Complete sewerage system and disposal works, to W. H. O'Toole, Franklin. Engrs. est. $50,000. Noted Feb. 3.

O., Cleveland — Comrs. Cuyahoga Co., 4,500 ft. vitr. clay sewer in Stockbridge and Eldamere Drs., Impvt. 514 S. and W., to Cuyahoga Sewer Constr. Co., 3407 East 114th St., $30,096. Noted Mar. 3.

O., Euclid—Sewers in St. Clair Ave., to A. C. Hattendorf, Stop 14, $39,275; and Fullerwood Sub-division, to Curro & Whittaker, Engrs. Bldg., Cleveland, $73,358. Noted Mar. 3.

O., Massillon—Bd. Control, sewers in Akron Ave. N. E., from Oxford to Vogel Sts., to J. Whitman Constr. Co., Massillon, $26,217. Engrs. est. $25,000. Noted Feb. 3.

Ind., South Bend—Sewer in Byran-Beale and Roosevelt Sts., to J. F. Hipskind, South Bend, $34,654.

Ill., O'Fallon—Bd. Local Impvts., 43,320 ft. 8- to 15-in. vitr. clay sewers, sewage disposal plant, etc., in Sanitary Dist. 1, to W. C. Anno, Havana, $58,999. Noted Mar. 4.

Minn., Litchfield—Sewage disposal plant, to Babcock, Boomer & Babcock, Mankato, $38,759. Noted Feb. 17.

Kan., Atchison—General contract 12 x 13 in. double barrel sewers in various streets, to Halpin & Boyle, Railway Exch Bldg., Kansas City, Mo., $24,173. Engrs est. to exceed $25,000.

Mo., St. Joseph—See "Bridges."

Mo., St. Louis—Bd. Pub. Wks., 208 City Hall, constructing West Rock Creek Joint Sewer, to H. A. Haenske, 1504 St. Louis Ave., $69,849; Cheltenham Joint Sewer, to R. J. Blackburn, 7308 Lyndover Pl., $23,192; and South Hurst Joint Sewer, to Grant & Meinert, c/o Municipal Contrs. Assn., Fullerton Bldg., $34,876. Grand total $127,917. Noted Feb. 17.

Tex., San Antonio—Storm sewers in 9 blocks South Medina St., to McKenzie Constr. Co., Travis Bldg., $26,400. Noted Mar. 10.

Okla., Tulsa — Storm sewers in Storm Sewer Contrs. 16, 17 and 33, to W. B. Carter, 1509 East Admiral St., $14,081. Noted Feb. 10.

Okla., West Tulsa (sta. Tulsa)—For 36- to 96-in. storm sewers in various streets, to W. B. Carter, 606 U. B. Bldg., Sioux City, Ia., $129,500.

Calif., Los Angeles—Supervs. Los Angeles Co., constructing 1.16 mi. cement sewer in Brooklyn Ave., Co. Impvt. 485, to N. Chutuk, 871 Main St., $22,889. Noted Mar. 10.

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Waste Disposal

Proposed Work

Ont., Sault Ste. Marie—City plans concrete, brick and steel incinerator furnace and chimney. $25,000. A. F. Russell, City Hall, engr.

Bids Desired

N. J., Paterson—Apr. 12, by Bd. Pub. Wks., City Hall, furnaces, flues, steam generating equipment, and appurtenances in refuse destructor plant, City Yard, New York Ave. and Governor St. E. Dupree city clk.; adv. E. N.-R. Mar. 24.

Bids Received

Tenn., Memphis—Mayor and City Council, crematory at Bway. and Wellington St., from Sparks Crematory Constr. Co., Memphis, Tenn., $54,800. Noted Mar. 3.

Bridges

Proposed Work

Mass., Acton—See "Streets and Roads."

Mass. Cohasset — See "Streets and Roads."

Mass., Dover—See "Streets and Roads."

Mass., East Boston (sta. Boston)—Dept. Pub. Wks., Boston, constructing Ferry Bridge, here, to J. E. Ogden Co. 147 Cedar St., New York City, $140,500; foundation for same, to W. H. Ellis & Son, 479 Meridian St., $26,789. Noted Mar. 17.

Mass., Foxboro—See "Streets and Roads."

Mass., Hull—Plans bridges and highway approaches. $30,500 appropriated. Private plans.

Mass., Wellesley — See "Streets and Roads."

Mass., Weymouth—Town, Bd. Selectmen, plans rebuilding and relocating Idlewell Bridge. $25,452 appropriated. Engineer not selected.

Conn., Hartford—Park Bd. plans new bridge, probably concrete and steel over railroad entrance to Riverside Park, $60,000., also replacing present bridge with steel and concrete bridge, on River St., $70,000. R. N. Clark, city engr.

N. J., Newark—Lehigh Valley R.R. Co., 143 Liberty St., New York City, G. T. Hand, ch. engr., and Pennsylvania R.R. Co., Broad St. Sta., Phila., Pa., A. C. Shand, ch. engr., made plans 3,950 ft. bridge over Newark Bay, here. $4,000,000.

N. J., Westville—State Hy. Comn., Trenton, plans 3 span fixed bridge over Big Timber Creek, here, Gloucester Co. $245,000. M. Goodkind, Trenton, state bridge engr.

Florida—See "Streets and Roads."

La., Shreveport—Voted $500,000 bonds rein.-con. viaduct, on Market St.; and 300,000 bonds, bridges, viaducts, etc. on various streets. Noted Feb. 3.

O., Dayton—Montgomery Co. plans new 175 ft. single span steel truss highway bridge and new concrete abutments across Stillwater River, on Dog Leg Pike. $75,000. W. O. Pease, Court House, co. surv.

Ill., Rochester—Sangamon Co. soon takes bids eight 50 ft. span rein.-con. deck girder bridge, incl. 185,890 lb. reinforcing, 163,800 lb. structural steel, 2,400 ft. creosoted piling, 2,500 ft. untreated piling, etc., on Route 4-A, approximately 5 mi. from here. G. F. Burch, c/o County Hy. Dept., engr.

Minn., Edina—State Hy. Dept., St. Paul, making plans 150 ft. concrete and steel bridge at Aurora Ave. $30,000, and 100 ft. concrete and steel bridge ½ mi. south Brookside Station, on State Highway 5, here, Hennepin Co. $20,000. Eng. Dept., St. Paul, engrs.

Mo., St. Louis—See "Streets and Roads."

Mo., Springfield—Election Apr. 1, $75,000 bonds, viaduct, on Benton Ave.; and $290,000 bonds, viaduct, on Grant Ave. S. R. Fisher, City Hall, and Russell & Axon, 404 McDaniel Bldg., engrs. Noted Mar. 4, 1926.

Tex., Alice—See "Streets and Roads."

Tex., Cuero—See "Streets and Roads."

Tex., Groesbeck — See "Streets and Roads."

Tex., Houston—Making plans 1,500 ft. concrete bridge over Buffalo Bayou, McKee St. $650,000. J. C. McVea, city engr.

Tex., La Grange — See "Streets and Roads."

Tex., Madisonville — See "Streets and Roads."

Tex., Pampa—See "Streets and Roads."

Tex., Rankin — Upton Co. and Kansas City, Mexico & Orient R.R. Co., W. L. Churchill, ch. engr., Wichita, Kan., soon take competitive bids timber, steel and rein.-con. toll bridge across Pecos River. $75,000.

Tex., San Angelo — See "Streets and Roads."

Tex., Wharton—See "Streets and Roads."

Calif., Riverside—Riverside Co. plans replacing bridges damaged by recent storms. A. C. Fulmor, Riverside, co. surv.

Calif., Spadra—Los Angeles Co. plans rebuilding concrete bridge recently washed out by storms. $25,000.

Bids Desired

Pennsylvania — Apr. 6, by Controller Allegheny Co. (Pittsburgh) and Westmoreland Co. (Greensburg), superstructure Bridge 10, over Allegheny River, incl. grading, paving, etc., roadway of same. $500,000. County Dept. Pub. Wks., 519 Smithfield St., Pittsburgh, engrs.

Pa., Pittsburgh—Mar. 30, by C. McGovern, controller Allegheny Co., superstructure and paving north approach of Point Bridge 9 over Monongahela River. $60,000. Bureau of Bridges, 519 Smithfield St., engrs.

D. C., Wash. — Mar. 31, by District Comrs., Dist. Bldg., fabricated structural steel for bridge construction.

Miss., Gulfport—Apr. 5, by Bd. Supervs. Harrison Co., 138 x 12 ft. swing, and 688 x 17.8 ft. pile approach span bridge across Back Bay, at Popps Ferry. $40,000. W. S. Hawkins, Court House, co. engr. Noted Jan. 27.

Miss., Richardson—Apr. 6, by Bd. Comrs. Pearl River Co. (Poplarville), bridge on Poplarville-Nicholson Rd., incl. 27,460 ft. creosoted lumber, 1,000 ft. untreated and 1,420 ft. creosoted piling, etc., near here. T. C. Dietzer, Jackson, engr.

Ind., Knox—Apr. 15, by Comrs. Starke Co., 150 ft. concrete arch bridge, 24 ft. over Yellow River, near here. $36,425.

Illinois and Missouri—Apr. 1, by Alton-St. Louis Bridge Co., c/o L. E. Anderson & Co., 711 St. Charles St., W. R. Compton Co., 704 Locust St., and Bitting & Co., 316 North 8th St., all St. Louis, Mo., 3,600 ft. rein.-con. and steel bridge, 20 ft., incl. two 500 ft. main spans and several approach spans across Mississippi River, at Alton, Ill., and 2,000 ft. rein.-con. and steel bridge, 20 ft., incl. two 430 ft. main spans, etc. across Missouri River, at Bellefontaine, Mo., also grading 6 mi. road between Alton, Ill. and Missouri State Highway 2. $2,400,000. Harrington, Howard & Ash, Orear-Leslie Bldg., Kansas City, Mo., engrs. Noted Feb. 17 under "Alton, Ill."

Wisconsin—See "Streets and Roads."

Wis., Wausau—Apr. 1, by State Hy. Comn., Madison, Scott Street Bridge. H. J. Kuelling, state highway engr. Noted Jan. 20.

Ia., Vinton—Mar. 31, at office Auditor Benton Co., one 60 x 20 ft. pony truss bridge, also 56 culverts on Primary Projects 370 and 372. M. A. Hall, Vinton, co. engr.

Ia., Elkader—Mar. 31, at office Auditor Clayton Co., 90 x 20 ft. pony truss bridge, and 20 concrete culverts. F. W. Hahn, Elkader, co. engr.

Ia., Nevada—Apr. 1, at office Auditor Story Co., one 140 ft. high truss and two 60 ft. pony truss bridges, also 8 box culverts. S. Steigerwalt, Nevada, engr.

Colo., Pueblo—Apr. 25, by City Comn., 5 span 1,400 ft. rein.-con. bridge, East 8th St. $200,000. D. P. Gaymon, city engr. Noted Mar. 10.

Utah, Detour (mail Soldiers Summit)—Mar. 30, by State Hy. Comn., Salt Lake City, rein.-con. T-beam bridge over Denver & Rio Grande Western R.R. tracks, on Federal Aid Project 73-B, here. H. S. Kerr, ch. engr.

Contracts Awarded

Mass., Westfield—Widening bridge, etc. on Northampton Rd., to Adams & Ruxton Constr. Co., 1387 Main St., Springfield. Engrs. est. $25,000.

S. C. Charleston—Sanitary & Drainage Comn., 1,020 ft. treated timber bridge, 18 ft. across Breach Inlet between Sullivans Island and Isle of Palms, to Dawson Eng. Co., 21 Broad St., $47,490. Noted Mar. 3.

Ind., Mt. Vernon—Comrs. Posey Co., Reineke Bridge, to A. H. Vaupel, $6,375; Kreie and Sailor Bridges, to C. K. Knowles, $7,700 and $6,300 respectively, also Schoene bridge, to Vincennes Bridge Co., Vincennes, $4,342. Grand total $24,717.

Ind., Shelbyville—Comrs. Shelby Co., Red Mills Bridge, rein.-con., arch over Sugar Creek, to Natl. Concrete Co., 1017 Lemcke Bldg., Indianapolis, $37,800. Engrs. est. $43,000. Noted Feb. 24.

Wis., Whitehall—Two 80 ft. span steel bridge over Trempealeau River, to E. G. Bingham, Winona, Minn., $25,261.

Missouri — State Hy. Comn., Jefferson City, to Maxwell Constr. Co., Columbus, Kan., three 45 ft. rein.-con. deck girder spans, etc. over Bee Creek, Platte Co., $12,188; to Stigall Constr. Co., Springfield, three 24 ft. rein.-con. slab spans, etc. over Little Sac Creek, Greene Co. $6,046, and two 12 ft. rein.-con. slab spans, etc. over Jordan Creek, Greene Co. $1,512; to M. Haase, St. Joseph, two 6 and two 10 ft. rein.-con. slab spans, etc. over creek, Gentry Co. $3,507, two 10 and two 12 ft. rein.-con. slab spans, over creek, Worth Co. $5,942; and to Kelly & Underwood, Granby, two 5 ft. rein.-con. slab spans over creek $977, two 24 ft. rein.-con. slab and one 40 ft. rein.-con. deck girder spans, etc. over Alder Creek $6,368, six 30 ft. rein.-con. deck girder and one 80 ft. steel truss spans, etc. over Horse Creek $21,062, all Cedar Co., six 40 ft. I-beam and one 70 ft. steel truss spans, etc. over Middle Fork Grand River, Worth Co. $25,468, three 40 ft. I-beam and one 70 ft. steel truss spans, etc. over Bear Creek, Gentry Co. $15,495. Grand total $98,565.

Mo., St. Joseph — Rein.-con. bridge at 13th St., to Pioneer Constr. Co., 270 Glover Bldg., Kansas City, $13,385; also Whitehead Creek Sewer, 70 ft. 16 ft. pipe, to O. H. Schmidt, Bartlett Bldg., $8,863 Noted Oct. 7.

Mo., St. Louis—Bd. Pub. Wks., 208 City Hall, 5 span 215 ft., rein.-con. and steel bridge over River Des Peres, at Watson Rd., to G. G. Prendergast, 6157 Wagner Ave. $44,240. Engrs. est. $56,400. Noted Mar. 17.

Ark., Cody (mail Hulbert) — State Hy. Dept., Little Rock, one 165 ft. vertical lift, three 165 ft. and two 135 ft. fixed truss and two 30 ft. concrete approach span bridge over St. Francis River, on Federal Aid Project 183-E, Lee Co., near here, to Vincennes Bridge Co., Vincennes, Ind., $238,641. Noted Feb. 3.

Tex., Wichita Falls—Wichita Co., 110 ft. rein.-con. bridge across Wichita River on Wichita Falls-Byers Rd. approximately 1½ mi. east of here, to D. Bellew & C. T. Gibbs, Wichita Falls, $36,917. Engrs. est $40,000. Noted Feb. 24.

Wash., Yakima—Comrs. Yakima Co., two 90 ft. and one 60 ft. steel span bridges across Sunnyside Canal, to R. A. Geary, Yakima, $28,012; and 32 ft. concrete span bridge over Cowiche River, to H. I. Mallott, 6548 17th St. N. E., Seattle, $32,083.

Dams

Proposed Work

Tex., Anahuac — Fresh Water League, Chambers Co., S. R. Smith, pres., making preliminary plans, etc., earth and concrete dam to keep out salt water and reclaim 100,000 acres land. $2,000,000. Private plans. L. R. Miller, secy.-treas.

Railways

Proposed Work

New Jersey—Erie R.R. Co., 50 Church St., New York City, R. C. Falconer, ch. engr., plans double track railroad from Erie to Paterson, here. $1,000,000.

Nebraska—Union Pacific R.R. Co., R. L. Huntley, ch. engr., Omaha, plans 1 mi. spur to Lyman Branch extension, Scotts Co.

Arkansas — Missouri Pacific R.R. Co., Railway Exch. Bldg., St. Louis, Mo., E. A. Hadley, ch. engr., making preliminary plans grading, drainage structures, bridging, laying rails, etc., for double track between Curtis and Bierne, here. $863,000.

Washington—Port Angeles Western R.R. Co., J. W. Forrester, ch. engr., Port Angeles, plans approximately 20 mi. main track extension between Tyee, Forks and Hoh River, Jefferson Co.

Bids Desired

Texas—See "Contracts Awarded."

Contracts Awarded

Tennessee—St. Louis-San Francisco R.R. Co., Frisco Bldg., St. Louis, Mo., F. G. Jonah, ch. engr., grading 135 acre tract for new terminal and shops at Yale, here, to Reed & Lowe, P. O. Box 1990, Birmingham, Ala., approximately $105,000; and 2 deep wells 1,000 g.p.m. capacity, to Layne Central Co., Chelsea St., Memphis, Tenn., approximately $20,000.

Texas—Atchison Topeka & Santa Fe Ry. Co., C. F. W. Felt, ch. engr., 80 East Jackson Blvd., Chicago, Ill., will build 6 stall

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Railways (Continued)

roundhouse, new tracks, etc. in Slaton, here by day labor. $300,000. B. P. Phelps, Topeka, Kan., shop extension engr.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Mass., Boston—Commonwealth of Massachusetts Dept. Pub. Wks., Div. Waterways, plans filling solid with rip rap protection Neponset River at Property W. M. Prendible. $25,000. W. H. Williams, comr. Noted Jan. 27.

Mass., Lynn—City, R. S. Bauer, mayor, plans bulkhead, harbor improvements, etc., on flats and tideland between Sausus River, near Point of Pines and land of Lynn Gas & Electric Co. To exceed $15,000. Engineer not selected.

Conn., Hartford—Plans rip-rapping bank Connecticut River, at Riverside Park. $50,000. R. N. Clark, city engr.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., cancelled bids to have been opened Mar. 21, constructing public beach along Ocean Front, due to error in specifications. Will readvertise. Noted Mar. 17.

Miss., Biloxi—Making preliminary plans dredging ship channel west of Dear Island, 10 ft. deep, 150 ft. wide from Mississippi Sound to Back Bay. $82,000. J. J. Kennedy, mayor. Private plans.

Ky., Louisville—See "Sewers."

Ind., Morocco—Newton Co. (Kentland) plans drainage system near here, $25,000.

Tex., Anahuac—See "Dams."

Tex., Eagle Lake — Riverside Irrigation Co. made plans complete electrification irrigation plant and system for lands around here, installing additional 1,500 hp. etc. $50,000. Private plans.

Tex., Electra—Pease & Red River Valley Irrigation Assn., c/o B. T. Johnson, secy., had surveys made by State Bd. Water Engineers, dam and basin, also plans irrigating 200,000-300,000 acres between Quanah and Burkburnett on Pease and Red Rivers. $5,000,000-$6,000,000. Montgomery & Ward, Wichita Falls, engrs. field work. Noted Jan. 13.

Tex., San Benito—Holly Beach, Inc., and Bayside Development Co. making plans, etc., irrigation improvements on Laguna Madre holdings, incl. ditches, laterals and 2 large pumping plants. $300,000. Private plans.

Okla., Pauls Valley—Garvin Co. election Apr. 4, $26,000 bonds, new drainage ditch from here to Washita River. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Oct. 21.

Nev., Fallon—Truckee-Carson Irrigation Dist, making plans pumping plant, 60 sec. ft., lift 100 ft. D. S. Stuver, Fallon, engr. Noted Apr. 2, 1925.

Bids Desired

Md., Baltimore—Mar. 30, by Bd. Awards, dredging Baltimore harbor, F. W. McKinney, Recreation Pier, Bway., harbor engr.

Va., Virginia Beach—Apr. 5, by W. R. Ashburn, mayor, and Town Council, R. B. Taylor, clk., 10,893 ft. concrete retaining wall, etc. $250,000. J. M. Baldwin, 118 Brooke Ave., Norfolk, and G. Massey, 328 Dickson Bldg., Norfolk, engrs.; adv. E. N.-R. Mar. 24.

Minn., Bemidji—Apr. 6, by A. D. Johnson, aud. Beltrami Co., 247,418 cu.yd. machine ditching; also grading 13,755 cu.yd. and 1,666 cu.yd. overhaul on State Aid Road 11, Job 2608. $28,000. W. H. Johnson, Bemidji, highway engr.

Ia., Adel—Apr. 1, at office Auditor Dallas Co., 169,615 cu.yd. excav., 542 ft. culvert labor, etc., on Primary Road 16, south of here.

Neb., Harrop — Apr. 5, by Bd. Dirs. Calamus Irrigation Dist., canals, dam, concrete spillway, reservoir at head with capacity of 20,000 acre ft. water. $160,000. W. J. McEathron, c/o County Surveyors Office, Omaha, engr. Noted Mar. 10.

Tex., Donna—Apr. 11, by Comrs. Hidalgo Co., irrigation project, 70 mi. ditches, all necessary structures, pumping plant, and two 36 in. pumps, etc., for Donna Irrigation Dist. $585,000. Nagle, Witt & Rollins, c/o County Judge, Donna, engrs. Noted Oct. 14.

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Bids Received

New York—Dept. Pub. Wks., Div. Canals & Waterways, Albany, Mar. 18, dredging canal channel in Hudson River, near Troy-Cohoes Bridge, at 112th St. and approach channel to barge canal terminal at Waterford, Contr. M-27, from Dunbar & Sullivan Dredging Co., 2312 Buhl Bldg., Detroit, Mich., $49,996. Engrs. est. $29,775. Noted Mar. 10.

New York—Dept. Pub. Wks., Div. Canals & Waterways, Albany, excavating canal channel in Mohawk River and land lines at various locations from Auriesville to Frankfort, Contr. M-29, from Amer. Pipe & Constr. Co., Amsterdam, $135,077. Engrs. est. $214,488. Noted Mar. 10.

New York—Dept. Pub. Wks., Div. Canals & Waterways, Albany, dredging canal channel in Mohawk River at various locations from point ½ mi. east of Lock 7 to point 1 mi. west of Hoffmans, Contr. M-26, from J. W. Hennessey, Inc., Mohawk St., Little Falls, $116,844. Engrs. est. $174,540. Noted Mar. 10.

Contracts Awarded

N. J., Galilee (mail Long Branch)—Bd. Freeholders Monmouth Co., Freehold, reconstructing sea wall, here, to J. A. Howland, Long Branch, at $4 per ton, total $50,000.

N. J., Jersey City — Bd. Comrs., Mayor and Alderman, City Hall, constructing bulkhead at Droyers Point, to Stillman, Delehanty & Ferris, 1 Exchange Pl., $118,500. Noted Mar. 17.

Minn., Crookston—Auditor Polk Co., for Judicial Ditch 75, 22 mi. long, 24 ft. wide and 7 to 15 ft. deep, to Barnard-Curtis Co., 505 Globe Bldg., Minneapolis, $77,285. Noted Feb. 3.

Ia., Atlantic—East Nishnabotna D. D. 6, c/o Auditor Cass Co., 441,800 cu.yd. excav. in main ditch and Laterals 1 and 2, also depositing 17,600 cu.yd. excav. in dam, etc., to Briggs & Drew, 925 City Natl. Bank Bldg., Omaha, Neb., at $0.593 per cu.yd. Noted Feb. 17.

Ia., Pocahontas—Pocahontas Co., drainage work, to Humboldt Gravel & Tile Co., Humboldt, $53,706.

Tex., Brownsville—Cameron Co., flood control work in Units 1 to 14, 3,000,000 yd. levee work, etc. and Units 1 to 12 Div. B, Arroyo Colorado floodway, 2,000,000 yd. levee, Colorado, etc., to Trinity Farm Constr. Co., Waxahachie, $467,457 and $154,500 respectively. Noted Mar. 17.

Calif., Tracy—W. Schlossman, secy. Banta-Carbona Irrigation Dist., centrifugal pumps, motors, starters, etc., to United Iron Wks., 580-2nd St., Oakland, $43,300; pump house additions, changing inlet and outlet structures and installing discharge pipes, to J. F. Kristich, Knightsen, $43,416. Noted Dec. 23.

Calif., Wheatland—Camp Far West Irrigation Dist., constructing concrete dam across Bear River, to Ward Engr. Co., 315 Montgomery St., San Francisco, $89,946. Noted Jan. 20.

B. C., New Westminster—Provincial Government, Victoria, 700 ft. concrete retaining wall, 6 to 15 ft. high, on west approach Fraser River Bridge, to General Constr. Co., Ltd., 736 Granville St., Vancouver. $25,000.

Streets and Roads

Proposed Work

Massachusetts—State Hy. Dept., Boston plans completing 7 mi. main highway between Sandy Hook and Stevenson. $300,000. J. A. MacDonald, highway engr.

Mass., Acton—Plans new roads and repairing various highways and bridges. $27,000 appropriated. Private plans.

Mass., Amherst — Plans reconstructing highways, bridges and sidewalks on various streets. $26,500 appropriated. Private plans.

Mass., Braintree—Plans widening Washington St. from Capen's Bridge to Central Ave. $25,000 or more. Private plans.

Mass., Boston—Dept. Pub. Wks. plans reconstructing and widening Oakland and Ashland Sts. as highway in West Roxbury, to exceed $25,000; also widening Morton St. from Druid to Washington Sts. between Forest Hills and Dorchester, $53,434 appropriated. J. H. Sullivan, comr.

Mass., Cohasset — Plans reconstructing highways and bridges. $37,396 appropriated. Private plans.

Mass., Dover—Plans reconstructing and and repairing various highways and bridges. $31,500 appropriated. Private plans.

Mass., Easton — Plans reconstructing highways and bridges on various roads. $30,000. Bd. Selectmen, engr.

Mass., Foxboro — Plans reconstructing highways and bridges on various roads. $25,000 appropriated. Private plans.

Mass., Hull—Plans new streets. $25,000 appropriated. Private plans.

Mass., Lexington—Plans reconstructing various streets. $52,500 appropriated. Private plans.

Mass., Melrose (Ind. br. Boston)—Plans new sidewalks on various streets. $40,000 appropriated. Private plans.

Mass., Milton—Plans reconstructing highways. $70,000 appropriated. Private plans.

Mass., Wellesley — Plans reconstructing and repairing various highways and bridges. $60,875 appropriated. Private plans.

Conn., Hartford—Plans bituminous paving Franklin Ave., Elizabeth, Hudson and Vine Sts. $50,000. R. N. Clark, city engr.

Conn., Middletown—Plans asphalt resurfacting Washington and Court Sts.; and macadam paving Main and Stack Sts. $35,000. Address City Engineer.

N. J., New Brunswick—Bd. Freeholders Middlesex Co. making plans improving 1 mi. Carteret-Rahway Rd., 1 mi. Plainfield Ave.-South Plainfield Rd., and 1 mi. Woodbridge Ave., in Binghamtown. W. F. Buchanan, New Brunswick, engr.

N. J., Paterson — City, H. L. Bristow, clk., plans grading and curbing 8th, 5th and Preakness Aves., East 24th, 25th, 26th, 27th, 28th, and 18th Sts. $55,000.

Pa., Pittsburgh — Dept. Pub. Wks., Bureau of Engineering, soon takes bids repaving Southern Ave. between Boggs Ave. and Shiloh St., $85,000; and 30 ft. grading Plymouth St., $45,000.

Md., Salisbury — Wisconsin Co. plans election $500,000 bonds, constructing roads. H. M. Clark, Salisbury, co. engr.

Va., Petersburg — Plans election $350,000 bonds, paving Main and Bolling Brook Sts., widening East Bank St., also water mains, sewers and fire alarm system.

W. Va., Lewisburg—White Sulphur Dist. election Mar. 26, $157,000 bonds, improving roads in Greenbrier Co. J. K. Monroe, Lewisburg, engr.

Florida—State Road Dept. budget for maintenance and constructing roads and bridges for 1927. $16,807,325 available.

Miss., Water Valley — Yalobusha Co. made surveys grading, gravel surfacing, etc. approximately 11.5 mi. Water Valley-Oakland Rd. and Water Valley County line Rd. along Panola Rd., Dist. 3, 18 ft. $140,000. County Engineer and H. C. Dietzer, Jackson, state engr. Noted Feb. 24.

La., Monroe—Soon takes bids grading, curbing and hardsurfacing 47 blocks various streets. W. I. Neel, City Hall, engr.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, making surveys improving 10 mi. Knoxville-Grainger Co. line Rd. Knox Co. C. N. Bass, highway comr.

Tenn., Cleveland — Plans permanent paving various streets. $35,000. Probably bond election soon for same.

Tenn, Dyersburg—Dyer Co. voted $1,000,000 bonds, constructing and completing various roads.

Tenn., Paris—Making preliminary plans grading and concrete paving 2,400 sq.yd. Hardy St. $26,000. Long & Co., Bennie-Dillon Bldg., engrs.

Ky., Henderson—Soon takes bids asphalt paving portion 3rd St. $25,000. M. D. Eblen, mayor.

Ky., Louisville—Plans 1½ in. Kentucky rock asphalt on 6 in. concrete surfacing (guaranteed for 10 years) 4.5 mi. sections Western Parkway, 36 ft. $294,000. A. A. Krieger, city engr.

O., Cincinnati—Hamilton Co. plans grading and tar macadam repaving 36,300 sq.yd. Dry Run Rd. $95,990, and 17,900 sq.yd. Johnson Rd. $52,250; also grading and asphaltic macadam paving 6,500 sq.yd. Pippin Rd., from Compton Rd. to point 3,500 ft. south, $26,650, and 29,500 sq.yd. Pippin Rd. from County Line to Struble Rd. $80,075. E. A. Gast, Court House, engr.

Mich., Detroit—Plans Berea, concrete or Amherst curbing, and 3½ in sheet asphalt on 8 in. concrete paving 9,550 sq.yd. Hubbell Ave. $47,160. P. A. Fellows, city engr.

Ill., Chicago—Lincoln Park Comrs. made plans and take bids latter part March, asphalt surfacing sewers and lighting system on 4,600 ft. Lake Shore Dr., 45 ft. $300,000. H. A. Marbach, c/o Lincoln Park Comrs., Center and Clark Sts., engr.

Ill., Galesburg—Plans grading, curbing, guttering and vertical fibre brick paving portions Grove and Monroe Sts., $30,481. A. L. Richey, City Hall, engr. Also grading, curbing, guttering and vertical fibre brick paving portion East Brooks St., from H. H. Gunther, 600 East Main St., $13,080, engrs. est. $14,010.

Streets and Roads (Continued)

Ill., Peoria—Plans grading, curbing and concrete paving 7 blocks East Carrington Ave., $42,807; and made plans 6 blocks East Gift St., $30,456, both 24 ft. W. E. Backes, city engr.

Ia., Fairfield—Jefferson Co. making plans 6 in. concrete paving 7 mi. Fairfield-Van Buren Co. line Rd., Primary Road 11. M. H. Bryant, Fairfield, co. engr.

Ia., Mason City—Making preliminary plans, grading, curbing, rein.-con. paving, etc., 7 blocks 15th St. and South Quincy Ave., 18 ft.

Ia., Newton—Soon takes bids grading, curbing and paving 13 blocks West 10th, East 14th, East 10th and North 6th Sts. $61,397. V. H. Lear, City Hall, engr. Noted Mar. 17.

Ia., Waterloo—Making preliminary plans grading, curbing and hardsurfacing 30 blocks various streets. $80,000. N. B. Barber, 619 Lafayette St., engr.

Kan., Cimarron—Gray Co. made plans grading, etc. 9.07 mi. Federal Aid Project 56-D, 30 ft. W. Barton, Cimarron, engr.

Kan., Eldorado—Butler Co. soon takes bids grading, etc., 8.5 mi. Federal Aid Project 230-D, 30 ft., $50,000, and grading, curbing, guttering and concrete paving 0.5 mi. same road Sect. E, 18 ft., $15,000. Noted Mar. 17.

Kan., Kansas City—Wyandotte Co. made plans grading, bituminous macadam paving, etc. 3.239 mi. Olson Rd., 18 ft. O. K. Williamson, Kansas City, engr.

Kan., Lawrence—Douglas Co. making preliminary plans grading and brick or concrete paving 4.209 mi. Federal Aid Project 273-C, 18 ft. E. E. Trueblood, Court House, engr.

Kan., Ottawa—Making preliminary plans grading, curbing and brick on concrete paving 9 blocks Main St.

Kan., Parsons—Made preliminary plans grading, curbing, concrete or asphalt paving 15 blocks Dirr, Wilson and Belmont Aves.,

Kan., Salina—Salina Co. plans grading, etc. 8.543 mi. Federal Aid Project 374-A, 30 ft. W. H. Cost, Salina, engr.

S. D., Aberdeen—Making plans paving approximately 9.5 blocks various streets. $64,000. A. E. Bennett, city engr.

Mo., Festus—Making preliminary plans grading, curbing and rein.-con. paving, etc. 2,100 ft. Main St., etc., 32 ft. J. P. Davis, Ry. Exch. Bldg., St. Louis, engr.

Mo., La Plata — Making preliminary plans paving various streets. To exceed $25,000. W. B. Rollins & Co., 521 Ry. Exch. Bldg., Kansas City, engrs.

Mo., St. Joseph—Soon takes bids concrete paving, etc., Seneca St. between 33rd and 35th Sts., $12,820, and Penn St. between 33rd and 34th Sts., $6,500; also guttering, curbing, sidewalks, asphaltic concrete paving 6,494 sq.yd. Maple Leaf Blvd. W. M. Spann, city engr.

Mo., St. Louis—Making preliminary plans concrete and asphalt repaving roadway on Municipal Bridge over Mississippi River, $85,000; and painting several sections of bridge, $28,000. A. Brooks, City Hall, dir. Streets & Sewers.

Mo., Springfield—Election Apr. 1, $75,000 bonds, improving Water St. between Boonville and Main Sts. S. R. Fisher, City Hall, and Russell & Axon, 404 McDaniel Bldg., engrs.

Ark., Little Rock—Making preliminary plans grading, curbing, hard-surfacing, etc. portions West 2nd, High and Chester Sts., Paving Dist. 464. L. Miles, Moore & Turner Bldg., atty.

Ark., Searcy—Making preliminary plans grading, curbing and hardsurfacing 10 blocks Paving Dist. 9. Ford & MacCrea, 215 Gazette Bldg., Little Rock, engrs.

Tex., Abilene—Taylor Co. making plans hard-surfacing 6.63 mi. Highway 1-A. $175,000. L. C. McCanlies, Abilene.

Tex., Abilene—Taylor Co. making plans high type paving 1.621 mi. Highway 1, Bankhead Highway. $42,000. L. C. McCanlies, Abilene, engr.

Tex., Alice — Jim Wells Co. takes bids about Apr.. 10, grading, bridging and asphalt on limestone paving 12 mi. Highway 12 A. $245,000. F. E. Hess, Abilene, engr.

Tex., Cuero—DeWitt Co. takes bids in April, grading and bridging 824 mi. Highway 81. $60,000. Terrell Bartlett Engineers, Inc., Calcasieu Bldg., San Antonio, engrs.

Tex., Cuero—De Witt Co. making plans grading, bridging and waterbound macadam paving 9.25 mi. Highway 109, $246,000; grading, bridging, asphalt on gravel paving 7.5 mi. Highway 72, $135,000; also asphalt on gravel paving 4.5 mi. Highway 72, $85,500, all 18 ft. W. H. Koether, Halletsville, engr.

Tex., Cuero—De Witt Co. making plans grading, bridging and asphalt on gravel surfacing 7½ mi. Highway 72. $135,000. W. H. Koether, Cuero, engr.

Tex., Edna—Jackson Co. election soon $1,000,000 bonds, hard paving 45 mi. Highway 12, etc. Address County Judge.

Tex., Fort Stockton—Pecos Co. election Apr. 2, $500,000 bonds constructing roads. Address H. Johnson, judge. Noted Mar. 3.

Tex., Franklin—Robertson Co. making plans 2 in. bituminous on 8 in. macadam paving 4.67 mi. Highway 6, 18 ft. $180,841. A. R. Leckie, Hearne, co. engr.

Tex., Groesbeck — Limestone Co. voted $50,000 bonds, grading, bridging, and graveling, etc., 9 mi. Highway in Kirk Dist. H. Boyett, Groesbeck, engr.

Tex., Houston—Harris Co. making plans bitulithic on macadam paving 20 mi. West Montgomery Rd., $314,000; topping 10 mi. roadway Humble-East Montgomery Rd., 5 mi. Kuykendall Rd. and 1 mi. Sylvester Rd., $25,000; and brick or bitulithic on Bates concrete paving 5.3 mi. Clinton Rd., $260,000, all foregoing 18 ft. Howe & Wise, 816 1st Natl. Bank Bldg., engrs.

Tex., Kountze—Hardin Co. making plans shell and gravel surfacing 1.3 mi. Highway 8, 20 ft. $60,000. A. L. Bevil, Kountze, co. judge.

Tex., Kountze—Hardin Co. making plans shell and gravel surfacing 3 mi. Highway 40, 20 ft. $60,000. Address A. L. Bevil, co. judge.

Tex., La Grange—Fayette Co. soon take bids grading, bridging and gravel surfacing 8.239 mi. Highway 73. $92,500. R. E. Schiller, La Grange, engr.

Tex., La Grange—Fayette Co. soon takes bids grading and bridging 7.559 mi. Highway 71. $128,000; and 6 mi. Highway 44, 20 ft., $119,500. R. E. Schiller, La Grange, engr.

Tex., Laredo—Webb Co. takes bids about Apr. 10, concrete paving with shell shoulders 10.781 mi. Highway 12-A. $390,000. T. E. Huffman, Laredo, engr.

Tex., Laredo—Webb Co. takes bids about Apr. 10, 3 in. bituminous macadam on caliche paving 6.61 mi. Highway 12-A. $109,000. T. E. Hoffman, Laredo, co. engr.

Tex., Madisonville—Madison Co. making plans grading and bridging 6½ mi. Highway 21, from North Gulch to Navasota River. $49,000. S. S. Strahan, Madisonville, engr.

Tex., Madisonville—Madison Co. making plans grading, bridging, etc., 5.5 mi. Highway 21, from Midway to Trinity River. $44,000. S. S. Strahan, Madisonville, engr.

Tex., Pampa—Gray Co., election Mar. 30, $1,200,000 bonds grading, bridging and hard paving 70 mi. main unpaved highways. T. M. Wolfe, Pampa, judge.

Tex., Panhandle—Making plans hard paving 22 blocks business streets. $75,000. Address Mayor.

Tex., San Angelo—Tom Green Co. takes bids about Apr. 12, grading and bridging 12 mi. Highway 99. $60,000. T. J. Kelly, San Angelo, engr.

Tex., San Antonio—Bexar Co. takes bids about Mar. 25, grading and gravel surfacing 4.12 mi. New Southerland Springs Rd. $28,000,000. Pancoast, co. engr.

Tex., San Antonio—Making plans widening and improving 6 blocks South Alamo St. from Commerce to Martinez Sts., 70 ft. $750,000. City pays 1/3 and property owners 2/3 of cost. I. Ewig, city engr.

Tex., Wharton — Takes bids in April, grading and bridging 9.692 mi. Highway 60. $67,000. Nagle, Witt, Rollins & Gilchrest, Wharton, engrs.

Tex., Wheeler — Wheeler Co. election soon $400,000 bonds, hard paving 45 mi. main unpaved highways. Address County Judge.

Oklahoma—State Hy. Dept., Oklahoma City, making preliminary surveys grading and paving 12 mi. Coalgate-Coal Co. line Rd., State Highway 36, Coal Co., $45,000; grading, etc., 12 mi. Norman Rd., State Highway 34, Cleveland Co., $35,000; and concrete slab paving 101,337 sq.yd. Guthrie Rd., State Road 4, Logan Co., $200,000. J. M. Page, highway engr.

Okla., Medford—Plans grading, curbing and concrete paving 14,400 sq.yd. Main, Cherokee and Francis Sts. $44,290. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Nov. 25.

Okla., Ponca City—Plans grading, curbing and vertical fibre brick paving 11,700 sq.yd. Otae, McFadden and Hillyard Sts. $46,870. E. A. Jones, Ponca City, engr.

Okla., Ponca City—Plans grading, curbing, guttering and vertical fibre brick paving 6,400 sq.yd. 9th St. $31,740. E. A. Jones, Ponca City, engr.

Okla., Sayre—Beckham Co. plans election $800,000 bonds, improving 75 mi. various roads, 30 ft. J. M. Page, Capitol Bldg., Oklahoma City, highway engr.

Okla., Wewoka—Plans grading, curbing and concrete paving 33,400 sq.yd. Dist. 9. $135,000. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Mar. 10.

Colo., Denver—Plans concrete paving 12 blocks each Alley Paving Dist. 163, $26,941; Alley Paving Dist. 164, $21,442; Alley Paving Dist. 161, $21,299; and Alley Paving Dist. 162, $26,734. A. K. Vickery, city engr.

Colo., Denver—Plans asphaltic concrete paving 12 blocks each West Denver Paving Dist. 12 $61,776, West Denver Paving Dist. 15 $53,242, Park Hill Paving Dist. 2 $51,319, West Denver Paving Dist. 11 $55,895, South Denver Paving Dist. 8 $46,035, and South Denver Paving Dist. 6 $34,909; concrete paving 12 blocks each Alley Paving Dist. 160 $15,391, Alley Paving Dist. 157 $18,952, Alley Paving Dist. 158 $25,137, Alley Paving Dist. 159 $25,214, and Alley Paving Dist. 156 $15,173; curbing, grading and surfacing 4 mi. North Denver Surfacing Dist. 9, $60,860; concrete curbing, guttering and surfacing 2½ mi. South Denver Impvt. Dist. 27, $96,347; and asphalt paving such improvements as necessary in South Denver Paving Dist., 9, $44,582. A. K. Vickery, City Hall, engr.

Colo., Denver—Plans grading, curbing and surfacing Montclair Impvt. Dist. 4. $233,866. A. K. Vickery, City Hall, engr.

Calif., Arcadia—Plans curbing, paving, etc. approximately 1¼ mi. 2nd Ave. To exceed $25,000.

Calif., Burbank—Plans 2 in. warrenite on 4 in. asphaltic concrete paving, etc. portions Magnolia Ave. To exceed $25,000. T. R. Mini, city engr.

Calif., Burlingame—Plans curbing, guttering, walks and asphaltic concrete paving, etc. California Dr., Sect. 1. J. S. James, city engr.

Calif., Compton—Plans curbing, paving and widening, etc., Bway.; and curbing, walks, concrete paving, etc., Hamarind St., etc. To exceed $50,000. G. Rood, city engr.

Calif., Los Angeles—Plans curbing, guttering, walks, concrete and asphaltic concrete paving Florence Ave. between Vermont and Van Ness Aves. To exceed $25,000. J. Shaw, city engr.

Calif., Los Angeles—Los Angeles Co. takes bids about May 2, 8 in. concrete paving 28,643 sq.ft. Central Ave., Impvt. C and A 101. $79,908. G. W. Jones, Hall of Records, engr.

Calif., Los Angeles—Plans probably 8 in. asphaltic concrete paving San Fernando Rd. from north city limits to north boundary city of San Fernando. To exceed $25,000. J. Shaw, city engr.

Calif., Oakland—Made plans grading, walks and 2½ in. binder course, etc. on 4in. macadam paving 46,183 sq.ft. Birch St. W. W. Harmon, city engr.

Calif., Oroville—Butte Co. plans grading and 1,630 tons broken stone surfacing, etc., Sect. D, Humboldt Rd. H. H. Hume, Oroville, co. surv.

Calif., Oroville—Butte Co. plans constructing Chico Creek Canyon Rd. $43,500. H. H. Hume, Oroville, co. engr.

Calif., Oroville—Butte Co. plans paving, etc. road in Gridley section extending north from Sutter boundary line. $25,000. H. Hume, Oroville, co. surv.

Calif., Petaluma—Plans 5 in. concrete paving, etc. Wilson, B, Washington and Western Aves., etc. To exceed $25,000. J. B. Piatt, Rosenberg Bldg., Santa Rosa, engr.

Calif., Pomona—Plans 5 and 6 in. concrete paving 4th and Gibbs Sts. To exceed $25,000. F. C. Froehde, city engr.

Calif., Richmond—Making plans curbing, walks and 2 in. Warrenite surfacing etc. approximately 320,000 sq.ft. San Pablo Ave. To exceed $150,000. E. A. Hoffman, city engr.

Calif., San Diego—San Diego Co. made plans grading, curbing, and paving, etc. streets in Rolando a sub-division, near here. $313,112. Watson, Valle & Gouch, 570 Spreckels Bldg., engr. Noted Feb. 17.

Calif., San Diego—Bd. Supervs. San Diego Co., plan curbing, sidewalks, 5 in. concrete paving 275,625 sq.ft. and 6 in. concrete paving 129,679 sq.ft. Valencia Park Unit 1, P. R. Watson, Spreckels Bldg., supt. work; also grading, curbing, walks and 6 in. concrete paving 106,596 sq.ft., and 5 in. concrete paving 466,118 sq.ft.

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Streets and Roads (Continued)

Monterey Heights, Unit 2, J. B. McLees, co. clk.

Calif., St. Helena—Plans paving, etc. various streets. To exceed $25,000.

Calif., Santa Ana—Plans curbing, walks and 8 in. concrete paving South Main St. between 1st St. and city limits. To exceed $75,000.

Calif., Santa Cruz—Made plans grading, curbing, walks and 5 in. concrete paving 305,100 sq.ft. Water and River St. extensions. J. K. James, city engr.

Calif., Santa Rosa—Made plans curbing, guttering and 5 in. concrete paving, etc. 102,845 sq.ft. MacDonald Ave. P. F. Green, city engr.

Ont., Willowdale—North York Twp. plans grading, gravel and macadam paving various roads, also culverts and bridges. $50,-392. G. Baker, North York Municipal Offices, engr.

Ont., Kingston—Council plans concrete curbing, guttering, and asphalt on concrete paving 6,000-7,000 sq.yd. St. Lawrence Ave., Barrack, Princess and King Sts. $30,000. H. S. Dick, City Hall, engr.

Ont., London—Plans sheet asphalt on concrete paving 3 mi. along London St. Ry. $100,000. W. P. Near, City Hall, engr.

Ont., Toronto—Soon takes bids concrete guttering and asphalt on 6 in. concrete paving 15,000 sq.yd. Howard St., Nairn and Haskins Aves. $25,000. R. C. Harris, City Hall, engr.

Ont., Toronto—Plans asphalt paving Hager Ave. and Power St., also concrete paving lanes near Macdonnell and Fern Aves., $26,942; concrete sidewalks and asphalt paving ½ mi. Bay St., $710,000. R. C. Harris, City Hall, engr.

B. C., Trail — Election soon $100,000 bonds, grading, concrete or bitulithic paving approximately 27,000 sq.yd. various streets. G. S. McDiarmed, City Hall, engr.

B. C., Victoria—Making plans concrete or asphaltic concrete paving Cook St., etc. $72,000. F. M. Preston, City Hall, engr.

Bids Desired

Mass., Boston—Mar. 29, by Dept. Pub. Wks., bituminous paving streets, $50,000 bonds. J. H. Sullivan, comr.

New York — Apr. 8, by A. W. Brandt, comr. Highways, Albany, improving highways in Cattaraugus, Hamilton, Jefferson, Lewis and Saratoga Counties; also reconstructing highways in Broome, Columbia, Herkimer, Jefferson, Monroe, Genesee and Monroe, Oneida and Schenectady Counties; adv. E. N.-R. Mar. 24.

N. Y., Scarsdale—Apr. 6, at office Westchester Co. Park Com., 72 Pondfield Rd., Bronxville, grading and concrete paving Bronx River Parkway, Fenimore Rd. and Outlet Dr., here, Contr. 156. J. Downer, ch. engr., adv. E. N.-R. Mar. 24.

New Jersey — Apr. 11, by State Hy. Comn., Trenton, grading, and 8 in. double line rein.-con. paving 36,440 sq.yd. Route 16, Sect. 10, Harlingen to Bolmers Corner Rd., Somerset Co.; and 5,763 sq.yd. Paulsboro Causeway, Route 17, (South) Sect. 1, Gloucester Co., A. L. Grover, secy.; adv. E. N.-R. Mar. 24.

N. J., Freehold—Apr. 6, by Bd. Freeholders Monmouth Co., one course rein.-con. paving 0.67 mi. Atlantic Highlands-Locust Point Rd. 57. G. K. Allen, Jr., 60 Broad St., Red Bank, co. engr.; adv. E. N.-R Mar. 24.

N. J., Trenton—Mar. 29, by Bd. Freeholders Mercer Co., Court House, tar surface treating 77 mi. various roads. H. F Harris, co. engr.; adv. E. N.-R. Mar. 24.

Pennsylvania—See "Bridges."

Pa., Crafton—Mar. 29, by J. O. Schreiber, boro clk., paving, etc., Noble and Steuben Aves. $50,000.

Pa., Phila.—Mar. 29, by Dept. City Transit, E. H. Ehlers, dir., 1211 Chestnut St., granite block on concrete repaving 2,875 x 69 ft. Broad St., Contr. 162.

Pa., Pittsburgh—See "Bridges."

Md., Baltimore—Mar. 30, by Bd. Awards, concrete curbing 12,200 lin.ft. streets listed in Contr. 392; also sheet asphalt paving 10,840 sq.yd. streets listed in Contr. 390. S. Purcell, City Hall, highways engr.

Miss., Greenville—Mar. 29, by Bd. Supervs. Washington Co., grading and concrete paving 50,594 sq.yd. Federal Aid Project 59 between Greenville and Lake Village, Ark. $120,000. H. C. Dietzer, Jackson, engr. This corrects report in Mar. 17 issue.

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Miss., Gulfport—Apr. 5 (extended date), by Bd. Supervs. Harrison Co., penetration gravel on old gravel surfacing 42,730 sq.yd. Handsboro-Gulfport Highway, $50,000; also 21,120 ft. 6 x 12 in. concrete headers on Magnolia Highway, $15,000. W. S. Hawkins, Court House, engr. Noted Mar. 3.

Miss., Port Gibson — Apr. 12, by Claiborne Co. Bd., clearing, grubbing, grading, graveling, etc., 18.42 mi. Port Gibson-Rodney Rd. H. C. Dietzer, Jackson, engr. Noted Sept. 30.

O., Cincinnati—Mar. 29, by C. O. Sherrill, city mgr., City Hall, 500,000 gal. road oil on various streets. $50,000.

O., Cincinnati—Apr. 1, by Comrs. Hamilton Co., grading and tar bound macadam repaving 9,900 sq.yd. McCullum Rd. $29,-890, and 16,000 sq.yd. Reemlin Rd. $56,-014; also grading and asphalt macadam repaving 30,600 sq.yd. Three Mile Rd., $78,995. E. A. Gast, Court House, engr. Noted Feb. 24.

O., Cleveland—Mar. 30, by City, paving, etc. South Hills Dr. S. W., Cherokee Ave. N. E., Glen Ave. N. E., Ira Ave. S. W., East 121st, East 126th, East 128th, East 132nd, East 147th, East 160th, East 188th, East 162, West 24th, West 47th and West 157th Sts. R. Hoffman, City Hall, engr.

O., South Euclid (br. Cleveland)—Mar. 25, by City, grading, curbing, guttering and sheet asphalt paving, etc. 7,300 sq.yd. Quarry Dr., Northampton and Keystone Rds., $42,000. F. A. Pease Eng. Co., Marshall Bldg., Cleveland, engrs.

Indiana — Apr. 5, by State Hy. Comn., Indianapolis, bituminous macadam paving 67.357 mi., surface treating 163.69 mi. bituminous roads, surface treating 81.25 mi. traffic bound roads, and rock asphalt surfacing 3 to 8 mi. roads in 45 counties. W. J. Titus, ch. engr.

Ind., Corydon—Apr. 5, by Comrs. Harrison Co., grading, and macadam paving 12,335 ft. Amos Lemmon et al. Rd., and 1,395 ft. Will E. Cline et al. Rd. G. T. Weis, aud.

Ind., Evansville — Apr. 4, by Comrs. Vanderburgh Co., asphaltic concrete paving Chas. Dusner Rd. $27,919. S. Bell, Evansville, aud.

Ind., Plymouth — Apr. 5, by Comrs. Marshall Co., constructing J. W. Falconbury Rd. $15,757, E. J. Gordon Rd. $10,265, and F. J. Goss Rd. $14,439. O. H. Weber, Plymouth, aud.

Ind., Princeton—Apr. 5, by Comrs. Gibson Co., Court House, grading, stone, gravel or macadam paving, etc., 9,492 ft. C. F Key et al. Rd., White River Twp. A. M. Johnson, Princeton, aud.

Ind., Washington — Apr. 5, by Comrs. Daviess Co., constructing W. H. Mattingly Rd. $5,917, A. C. Myers Rd. $7,462, C. J. Burton Rd. $2,906, and W. Brett Cabel Rd. $60,470. R. M. Moren, Washington, aud. Noted Jan. 27.

Mich., Jackson—Mar. 29, by F. R. Harris, city mgr., concrete curbing, grading, and brick, concrete or sheet asphalt paving 33,050 sq.yd. various streets. W. B. Hodges, city engr.

Mich., Muskegon—Apr. 8, by City Clerk, concrete paving 9,500 sq.yd. Beach St. and Pere Marquette Park Oval 2, $19,000; grading and 6 in. concrete paving 13,708 sq. yd. Acorn St. $50,000, 11,000 sq.yd. Marquette Ave. $50,000, and 9,044 sq.yd. Davis-Southern St. $31,000; curbing, guttering 2½ in. sheet asphalt on 6 in. stone waterbound macadam paving 2,100 ft. Washington Ave., 30 ft., $28,000. H. J. Lewis, City Hall, engr. Noted Feb. 24.

Illinois and Missouri—See "Bridges."

Ill., Chicago — Mar. 29, by City, Room 207, City Hall, grading, sewers, 7 in. concrete paving, etc., portions 10 alleys, grading, curbing, guttering and asphalt on 6 in. concrete paving, etc., portions North McVicker Ave.; grading, curbing, guttering, 8 in. concrete paving, etc., portions George St., Barry, Wellington, North Natoma, North Normandy and North Rutherford Aves.; grading, curbing, guttering, 6 in. concrete paving, etc., portions North Kilpatrick, Parker and Wrightwood Aves., Nevada, Altgeld, and Montana Sts. F. X. Rydzewski, vice pres. Bd. Local Impvts.

Wisconsin—Mar. 29, by State Hy. Comn., J. R. McLean, div. engr., 1st Natl. Bank Bldg., Superior, **(F. A. P. means Federal Aid Project, and S. P. State Project)**, grading, etc., 2.76 mi. F. A. P. 406-D, Washburn Co.; graveling, etc., 12,298 cu.yd. F. A. P. 371-C, Ruck Co.,12,930 cu.yd. F. A. P. 385-A, Barron Co., 12,053 cu.yd. F. A. P. 407-B, Burnett Co., 825 cu.yd. S. A. P. 8262, Washburn Co., 3,302 cu.yd. S. P. 8277, Polk Co., 6,792 cu.yd. S. P. 8286, Sawyer Co., 1,913 cu.yd. S. P. 8280, and 6,038 cu.yd. S. P. 8318, both Barron Co.

Wisconsin—Mar. 31, by State Hy. Comn., Div. Office 3, Nicolet Bldg., Green Bay, concrete paving, etc. 56,277 sq.yd. S. T. H. 16, State Aid Job 3115, and 10,111 sq.yd. S. T. H. 54, State Job 3992-F, both Brown Co.; 34,610 sq.yd. S. T. H. 76, State Job 3144, and 54,780 sq.yd. S. T. H. 26, State Aid Job 3037, Outagamie Co.; 79,832 sq.yd. S. T. H. 163, Job 3112, also Clarke-Mill Bridge on S. T. H. 148 Job 3145, Manitowoc Co., O. C. Rollman, div. engr.

Wis., La Crosse—Mar. 30, by State Hy. Comn., Court House, crushed stone surfacing, etc., 15,232 cu.yd. State Project 580; 9,543 cu.yd. State Project 5869, Sect. 2; 4,446 cu.yd. State Project 9205; and 7,822 cu.yd. State Project 5981, all Vernon Co. A. Ristow, Viroqua, co. highway comr.

Ia., Cresco — Apr. 1, at office Auditor Howard Co., grading, etc., 3.5 mi. county road, 23,482 cu.yd. excav., 20,270 units additional ½ mi. haul, etc. L. Brown, Cresco, co. engr.

Ia., Decorah — Apr. 5, at office Auditor Winneshiek Co., grading, etc., 0.74 mi. Decorah-Bluffton Rd., 10,464 cu.yd. earth, 2,004 cu.yd. loose rock and 6,107 cu.yd. solid rock excav. F. Arneson, Decorah, co. engr.

Ia., Iowa City—Apr. 4, at office Auditor Johnson Co., improving Lone Tree-Nichols Co. Road Project 8, and Lone Tree-Columbus Junction County Project 8, incl. 70,878 cu.yd. grading, 63,087 sta.yd. overhaul, 1,278 ft. 15 in. and 228 ft. 24 in. culvert labor, etc. Former bids rejected. Also graveling 6,769 cu.yd. County Project 2, to Schmidt Gravel & Sand Co., Iowa City at $2.49 per cu.yd. Noted Mar. 10.

Ia., Mason City — Mar. 29, by Auditor Cerro Gordo Co., grading 77,210 sq.yd. Secondary Road System. R. E. Robertson, Mason City, co. engr.

Ia., Newton—Mar. 29, by R. W. Dodds, city clk., grading, curbing, guttering, and asphalt, rein.-con., brick or warrenite paving 5,989 sq.yd. West 5th St. S. and West 10th St. N.; also concrete paving 1,400 sq. yd. driveways in cemetery. V. H. Lear, City Hall, engr.

Ia., Primghar—Mar. 29, at office Auditor O'Brien Co., grading 7 mi. road in Center and Omega Twps., 4 mi. in Floyd Twp., and 6 mi. county road. W. L. Anderson, co. engr.

Ia., Tipton — Apr. 5, at office Auditor Cedar Co., grading, etc. 12.22 mi. County Project 1, Bennett-Durant Rd., 100,438 cu.yd. excav., etc. R. O. Zimmerling, Tipton, co. engr.

Ia., Vinton — Mar. 31, at office Auditor Benton Co., grading 7.98 mi. U. S. Highway 218, 5.26 mi. Primary Road 8, and 3.034 mi. Primary Road 82, 237,396 cu.yd. excav., 151,500 yd. overhaul, etc.

Ia., Wallingford—Apr. 4, at office Auditor Emmet Co., heavy blade grader constructing 4.75 mi. road in High Lake Twp., and 1 mi. in Center Twp. F. A. Macdonald, Estherville, co. engr. M. M. Soeth, Wallingford, twp. clk.

Minn., Bemidji—See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Minn., Buffalo—Apr. 5, by E. R. Anderson, aud. Wright Co., grading 11.8 mi. Job 2701, State Aid Road 11, 90,815 cu.yd. earth, 85 cu.yd. loose and 65 cu.yd. solid rock excav., 149,980 cu.yd. overhaul, etc. $25,-000. W. E. Ducket, Buffalo, co. highway engr.

Minn., Hastings—Mar. 28, by N. F. Kranz, city clk., curbing, guttering, concrete paving, etc. 33,559 sq.yd. various streets. $85,000. E. G. Briggs, 438 Bremer Arcade, St. Paul, engr. Noted Jan. 27.

Minn., New Ulm—Mar. 31, by W. Backer, city clk., paving 15,000 sq.yd. various streets. $38,000. F. D. Minium, city engr. Noted Feb. 24.

Kan., Lyndon—Apr. 12, by Clerk Osage Co., concrete surfacing 5.993 mi. Federal Aid Project 264-C. F. C. Healea, co. engr. Noted Mar. 10.

Kan., Marion—Apr. 14, by Clerk Marion Co., grading, etc., 8.507 mi. Federal Aid Project 47-B, 28 ft., 30,871 ft. hedge, 349 ft. guard fence, 38,351 lb. reinforcing, 1,132 ft. rein.-con. pipe, etc. C. M. Hartsock, Marion, co. engr. Noted Mar. 10.

Texas—Medina Highland Toll Road Co. c/o L. S. Whippel, City Natl. Bank Bldg. San Antonio, taking bids macadam paving 8 mi. new toll road from Bexar Co. line to Medina Lake in Medina Co., 18 ft. $60,000. Private plans.

Tex., San Antonio—See "Unclassified."

Tex., San Antonio—Taking bids paving and widening 300 ft. Main Ave. between Houston and Travis Sts. $240,000. City pays ½ and property owners ½ of cost. I. Ewig, city engr.

Streets and Roads (Continued)

Oklahoma—Apr 12, by State Hy. Dept., Oklahoma City, concrete paving 95,780 sq. yd. State Road 11, between Ponca City and Tonkawa. $200,000. J. M. Page, highway engr.

Wash., Wenatchee — Apr. 5, by Comrs. Chelan Co., grading and surfacing 3 mi. Permanent Highway 21. J. Duff, Wenatchee, engr.

Calif., Mill Valley — Mar. 31, by W. Palley, town clk., 4 in. asphalt paving, etc. 86,621 sq.ft. Cottage and Eldridge Aves., etc. J. C. Oglesby, town engr.

Calif., San Diego — Apr. 4, by Common Council, curbing, sidewalks and grading 15,963 cu.yd. Orange Ave.; also grading, curbing, walks and 6 in. concrete paving 165,144 sq.ft. Crystal Dr. F. A. Rhodes, city engr. Noted Mar. 3.

Calif., San Mateo—E. W. Foster, city clk., taking bids improving various streets in south east section city, 9,400 cu.yd. excav., 94,000 sq.yd. concrete guttering, 422,000 sq.ft. subgrading, and 328,000 sq. ft concrete paving, etc. O. F. Weissgerber, city engr. Noted Mar. 3.

Calif., Riverside—Supervs. Riverside Co., taking bids 1½ in. on 3½ in. asphaltic concrete paving, etc., 539,673 sq.ft. Rd. Dist. Impvt. 18. To excede $95,000. J. F. Davidson, 646 West 7th St., engr.

Bids Received

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., Mar. 21, granite block paving Creek St., from Colgan Contg. Co., 90 Williams St., New York City, $10,613; grading, etc. Willetts Point Blvd., from Laurel Hill Contg. Co., Woodside $34,601, and 56th St., from Stanby Constr. Co., Steinway Ave. $2,001; sheet asphalt paving Hoyt Ave., from W. P. MacDonald Constr. Co., Laurence St., Flushing, $39,958, and Beach Channel Dr., from Sprague Constr. Co., Mott Ave., Far Rockaway $39,911. Noted Mar. 17.

N. Y., New York—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., Mar. 15, grading yard site at 207th St. Yard of Rapid Transit R.R., from Riverdale Contg. Corp., 100 East 45th St. (1) $297,100 (2) $256,150 (3) $297,100.

N. Y., New York—H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., Mar. 15, granite block paving 3rd Ave., from L. DiMinna, 2366 Lorrilard Pl., $255,249; sheet asphalt paving Crotona Ave., from Burnside Contg. Co., 270 Burnside Ave. $57,696, Selwyn Ave. and Purdy St., from C. D. Beckwith, Inc., Seneca Ave. and Edgewater Rd. $24,957 and $18,073 respectively, Wallace Ave., from Asphalt Constr. Co., 208 Bway. $35,466, East 187th St., from Brusstar Constr. Corp., Harlem River and 150th St. $7,270 and Webster Ave., from Gaffney Constr. Corp., Storey and Hermany Sts. $92,391.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, Mar. 16, grading and bituminous concrete repaving Wood Ave., etc., from J. E. Donovan Co., 2207 Richmond Terrace, Port Richmond, $28,775. Noted Mar. 10.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, Mar. 15, from R. B. Wenner, 2819 West Gordon St., grading Algard, Glenview and Magee Sts. $24,197, and Tabor St. $1,260, from J. Cicone, 5732 Westminster St., Bartram, Botanic, Dicks, Harley, Laycock, 79th and 80th Sts. $11,034, from Ballinger & Dougherty, 3741 Kensington Ave., Creston and Discher Sts. $4,070, Elsinore, I, J, Malta, Rand, Maywood and Palmetto Sts. $17,150 from T. V. Monaghan, Inc., Water, Clarkson, Foulkrod and Garland Sts. $9,124, Princeton and Tyson Sts. $1,680, and 18th St. $3,957, from Curtis Bros. State and Unruh Rds., Godfrey, Lawndale, Vankirk and Weymouth Sts. $5,422, from Root Bros., Ridge Ave. and Righter St., Hermit, Magdalena and Maris Sts. $4,195, from Municipal Contg. Co., Washington Sq. Bldg., asphalt paving (assessment work), Balfour St. $4,490, Elmwood St. $36,514, N St. $20,253, Venango St. $26,895, Wynnefield St. $21,729, 10th St. $22,257, improving Godfrey, Vankirk and Weymouth (country) Rds. $13,190, asphalt repaving Baltimore (shoulders) and Christian Sts. $29,305, Cedar St. $17,514, Clarion and Tree Sts. $8,790, Hutchinson and Percy Sts. $10,591, Locust and 38th Sts. $36,503, paving and repaving Manuta and Parrish Sts. $10,442, from Barber Asphalt Co., 239 North 30th St., asphalt repaving (assessment work) Colonial and 17th Sts. $13,072, D St. $17,568, Folsom St. $3,880, Leiper St. $6,603, Louden St. $9,603, Osage St. $7,807, Pike St. $14,859, Regent, 63rd and 69th Sts. $12,327, Sharpnack St. $5,262, Spencer St. $8,936, 20th and 72nd Sts. $27,123, and 21st St. $8,619, from F. A. Caruso & Son, 804 South 12th St., improving City (country) Rd. $46,715, from M. Leewright, 424 Seville St. Pedun Rd. $3,987, from Union Paving Co., 128 South 21st St., asphalt repaving Naudain St. $2,129, and from Acchione Contg. Co., 755 South Warnock St., redressed granite block repaving Alter, Dudley and Percy Sts. $8,687, and 45th St. (track area) $5,815. Noted Mar. 10.

Contracts Awarded

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, to F. Persicano, 350 Fulton St., grading Baughman Pl. $921, and East 49th St. $1,347; to D. J. McCoy Asphalt Corp., Avenue U and East 57th St., grading and sheet asphalt paving Avenue I $10,605, and West 13th St. $14,954; to M. J. O'Hara, Neptune Ave. and West 19th St., West 13th St. $9,382, to Brooklyn Alcatraz Asphalt Co., 407 Hamilton Ave., 63rd St. $28,255, 81st St. $8,426, and 93rd St. $7,351. Noted Feb. 24.

New Jersey—State Hy. Dept., Trenton, grading and concrete paving 56,000 sq.yd. Oak Rd. from Vineland to Malaga, Gloucester and Cumberland Counties, to E. H. Ellis, 510 Wilson Bldg., Camden, $203,238; and double line rein.-con. paving 46,608 sq.yd. Route 16, Sect. 9, from Woods Tavern to Harlingen, Somerset Co., to C. Sebolt, 16 Richmond St., New Brunswick, $232,372. Noted Mar. 17.

N. J., Deal—Bd. Freeholders Monmouth Co. (Freehold), paving Allenhurst Rd. and Atlantic Ave., base, to Jannorone Constr. Co., 225 Passaic Ave., Belleville, $63,957.

N. J., Newark — T. L. Raymond, dir. Dept. Pub. Affairs, City Hall, to J. B. Gilligan-Casey Co., 972 Broad St., repaving Spruce St. and 18th Ave. $153,717, grading, curbing, flagging and paving Handsbury Ave. $20,182, Varsity Rd. $35,452, and Westervelt Pl. $2,155, grading, curbing and paving Hopkins Pl. $2,050, Underwood St. $10,894, and Schofield St. $9,204; to Standard Bitulithic Co., foot Brill St., grading, curbing, flagging and paving Hanover St. $4,314, and North 12th St. $47,038, also resurfacing 14th Ave. $28,803. Grand total $313,808.

N. J., Pattenburg—Freeholders Hunterdon Co. (Flemington), paving 8 mi. Spring-Mills-Pattenburg Rd., to F. H. Smith, Hackettstown, $154,679. Noted Feb. 17.

N. J., Paterson — Freeholders Passaic Co., Court House, sheet asphalt paving approaches to Bloomfield Rd., new crossing over Delaware, Lackawanna & Western R.R. tracks, to Dyer Kane Co., 45 Prospect St., Passaic, $49,451. Noted Mar. 3.

Pa., Pittsburgh—City (**e.e. means engrs. est.**) Widening and paving, etc. Baum Blvd. between South Aiken and South Hiland Aves., to T. Cronin, South 18th St. $91,640 e.e. $110,000, and Grant St. between 7th and 2nd Aves., to Dunn & Ryan Constr. Co., 3918 Swineburn St. $108,160 e.e. $143,000; grading, paving, etc., Sickles St. between Allison St. and city line, to McCrady Bros. Co., Braddock $28,665 e.e. $30,000, Bellerock St., to M. O'Herron Co., 1st and McKean Sts. $25,793 e.e. $28,000, and Bensonia St., to Minsinger Co., 2nd and Horace Sts. $24,685 e.e. $26,000. Grand total $278,943.

Md., Baltimore — Bd. Awards, grading 41,000 cu.yd. streets listed in Contr. 385, to Potts & Callahan, Knickerbocker Bldg., $18,860.

Ga., Cartersville—Paving 17,720 sq.yd. various streets, to Pittman Constr. Co., 208 Rhodes Bldg., Atlanta, concrete $65,795, or vibrolithic $71,111. Engrs. est. $70,000.

Fla., Jacksonville—Duval Co., rock asphalt paving 40,000 sq.yd. Pottsburg, Little and Big Pablo and Silvers Creek Rds. to W. J. Bryson Paving Co., 239 West Adams St., $51,920. Engrs. est. $100,000.

Fla., Jacksonville—Bd. Comrs. Duval Co., asphaltic concrete paving, etc. 32,000 sq.yd. St. Augustine and Orange Park Rds., to Bryson Paving Co., 239 West Adams St., $49,353. Engrs. est. $100,000. Noted Dec. 9.

Ala., Birmingham—City Comn. (**e.e. means engrs. est.**), to Southern Roads Co., Pioneer Bldg., asphalt paving, etc. 3 blocks 35th Ave. N., $9,821 e.e. $10,100, 4 blocks Terrace R, Ensley $19,280, and 7 blocks Ave. C, Ensley $25,255 e.e. $26,200; to Wood-Rucker Constr. Co., Amer. Trust Bldg., 2 blocks 57th St., $7,206 e.e. $8,100; to C. A. Shepherd, 316 North 74th St., 38th Ave. N., $3,372 e.e. $3,500; to Independent Paving Co., Amer. Trust Bldg., 6 blocks Division Ave., $11,897 e.e. $12,100; to Dunn Constr. Co., Lincoln Life Bldg., 2 blocks 8th Court and 13th Pl. S., $5,852 e.e. $6,100. Grand total $82,683.

Miss., Vicksburg—Warren Co., rock asphalt paving 15,315 sq.yd. National Cemetery Rd., to V. I. Zollinger, Vicksburg, $49,353; also repairing Baldwin Ferry and Fishers Ferry Rds., to Newsom Bros., Goss, $19,815. Noted Feb. 17.

Miss., Natchez—Grading, curbing, guttering and asphalt surfacing 70,000 sq.yd. various streets, to Wright Constr. Co., Meridian. Engrs. est. approximately $160,000. Noted Jan. 6.

Miss., Waynesboro—Wayne Co., grading, gravel surfacing, etc. 2.992 mi. Quitman-Waynesboro Highway, Federal Aid Project 83-C, to Champenois & Blanks, Meridian. Noted Feb. 24.

Ky., Louisville—W. J. Horrigan, engr., Realty Bldg., rock asphalt on concrete paving 4.5 mi. Southwest Parkway, to J. Schlickli & Bros., 1837 Greenwood St., $294,816.

O., Canton — Bd. Control (**e.e. means engrs. est.**), brick paving Harrison Ave. and Lake Blvd. from Tuscararus St. W. to 12th St. extension N.W., also Cherry Ave. N.E. from Tuscararus St. E. to Lawrence Rd. N.E., to Garaux Bros. Co., Massillon Rd., $74,758 and $90,974 respectively e.e. $75,000 and $90,000 respectively; also Maple Ave. N.E. from end present pavement to north corporation line, to Canton Sand & Gravel Co., Clarendon Ave. S.W., $36,724 e.e. $35,000. Grand total $202,456.

O., Columbus—W. H. Duffy, dir. Pub. Serv., grading, curbing, guttering, sidewalks, etc., on 5,900 sq.yd. High St., to A. W. Burns Constr. Co., 424 Woodland Ave., $83,027. Noted Mar. 3.

Ind., Fort Wayne—Comrs. Allen Co., resurfacing 7½ mi. highway, to Hayes Constr. Co., 1503 West 30th St., Indianapolis, $33,264.

Ind., Fowler—Comrs. Benton Co., constructing Windler Rd., to I. G. Johnson, $22,000; Stitz and Bressner Rds., to Fenwick & Keen, $15,549 and $9,450 respectively. Grand total $46,999. Noted Feb. 17.

Mich., Allegan—Allegan Co., graveling 3.5441 mi. Co. Covert Rd. 12, 12 ft., to H. Plaggmars, Holland, $29,345.

Mich., Grand Rapids—Kent Co., graveling 4.793 mi. Ada-Brooklyn Rd., 16 ft. to Rapid Constr. Co., 1543 Widdicomb Ave., $41,043. Noted Feb. 24.

Mich., Grosse Pointe (br. Detroit)—N. Neff, clk., grading and asphalt on concrete paving Waterloo and St. Paul Aves., to M. R. Hanna Co., Ryan and Nevada Rds., Detroit. Engrs. est. $50,000.

Mich., Marshall—D. P. O'Leary, recdr., concrete paving 2 mi. various streets, to Grace Constr. Co., 1702 Winter St., Fort Wayne, Ind., $84,369. Noted Feb. 17.

Mich., Mt. Clemens—W. Lehner, engr. Macomb Co., graveling 4.25 mi. County A. D. 103, and 2.75 mi. County A. D. 104, both 18 ft., to Macomb Co. Rd. Comn. at cost. Noted Feb. 10.

Mich., St. Joseph—Berrien Co. Road Comn., graveling 5.222 mi. A. D. Dist. 86, Spinks Corner Rd., and 2 mi. Warren Watson Co. Rd. 78, to W. J. Cleary, Benton Harbor, $110,300 and $46,733 respectively; also 2.38 mi. Kinney Rd., Road 74, to Yenington & Wise, Watervliet, $50,341. Grand total $207,394. Noted Feb. 17.

Ill., Oak Park—Bd. Local Impvts., asphalt paving Euclid Ave., widening and repaving 1.25 mi. Oak Park Ave., to W. A. Black Co., 565 Washington Blvd., Chicago, $409,000. Engrs. est. $500,000. Noted Feb. 3.

Ill., River Forest (mail Oak Park)—Asphalt paving portions Clinton Pl., Bonnie Brae, Le Moyne and Greenfield Sts. and Lathrop Avenue System, to Standard Paving Co., 1101 South Cicero Ave., Chicago, $384,000.

Wisconsin — State Hy. Comn., A. L. Hambrecht, div. engr., and Halbersleben, comr. Sauk Co., Baraboo, grading and concrete paving 60,935 sq.yd. F. A. P. 425-A, Columbia Co., to J. R. Griffith Constr. Co., Racine, $146,127, and 69,532 sq.yd. F. A. P. 444-A, Dodge Co., to F. D. Hayes, Janesville, $193,091; also grading, graveling, etc., 7,553 cu.yd. S. A. P. 1885, Sauk Co., to J. Karslyst & W. H. Hart, Stoughton, $29,228. Grand total $368,446. Noted Mar. 3.

Wis., Stevens Point—T. E. Cauley, comr. Portage Co., grading, concrete paving, etc. 87,493 sq.yd. Range Line-North County Line Rd., to F. H. Grahl Constr. Co., Medford, $249,048; 82,412 sq.yd. Federal Aid Project 423-C, to J. H. Vogt, Wausau, $223,834; 116,303 sq.yd. Federal Aid Project 423-B, to Lampert Constr. Co., Oshkosh, $316,158. Grand total $789,040. Noted Dec. 9.

Ia., Anamosa—For 6 in. concrete paving 16,500 sq.yd. various streets, to P. P. Smith, 1600 Washington Ave., Cedar Rapids, $39,300. Noted Feb. 24.

Ia., Eldorado—Hardin Co., grading 16 mi. Secondary Roads, to J. W. Ault, Ft. Dodge, $25,884.

Ia., Iowa City—See "Bids Desired."

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Streets and Roads (Continued)

Ia., Iowa City—Johnson Co., to Wright Constr. Co., 211 Flynn Blk., Des Moines, improving Federal Aid Project 289-B, 58,237 cu.yd. excav. at $0.45 and $0.60 per sq.yd., 26,500 sta. yd. overhaul, $0.02, 90,764 sq.yd. paving $2.28, 2 paving intakes $100 each, and 2 at $125 each, 20 flumes $65 each, 128 ft. slope drain $2, 700 ft. 15 in. culvert pipe $0.60, and 350 ft. 18 in. $0.70.

Ia., Montezuma—Poweshiek Co., to Anderson & Empire, Marshalltown, improving Federal Aid Project 261, 12,600 cu.yd. excav. at $0.60 per cu.yd., 55,151 sq.yd. paving at $2.29, 9 intakes $100 each, 2 intakes $140 each, 24 flumes $50 each, 170 ft. drain $1.75, and 3,245 lb. reinforcing in place $0.04. Noted Feb. 20.

Ia., Orange City—Sioux Co., to Van & Van, Hull, improving secondary roads, 3,000 cu.yd. gravel 1 mi haul at $0.34 per cu.yd., 10,800 cu.yd. gravel 1 mi. haul $0.35, 109,200 units ½ mi. haul $0.07, and 6,000 cu.yd. gravel strip $0.24. Noted Feb. 17.

Ia., Ottumwa—Macadam surfacing 1,526 sq.yd., and 6 in. rein.-con. surfacing 27,895 sq.yd. various streets, to J. C. Blunk Constr. Co., Ottumwa, at $2.25 per sq.yd. Noted Mar. 10.

Ia., Waukon—Allamakee Co., to Jones & Hiestand, Lancaster, Wis., improving 24.765 mi. Primary Project 486, Primary Road 9, 18,210 cu.yd. crushed stone at $2.12 per cu.yd., and 8,770 cu.yd. at $2.26. Noted Feb. 10.

Minn., Jackson—J. A. Strand, city clk., concrete paving 23,500 sq.yd. various streets, to Hanlon & Okes, 1501 Merchants Natl. Bank Bldg., St. Paul, $63,700. Noted Feb. 24.

Kan., Council Grove—Morris Co. grading and concrete paving 1.179 mi. Federal Aid Project 257-A and B, 18 ft., to Geiger & Rutherford, Leavenworth, $33,924. Noted Feb. 10.

Missouri — State Hy. Comn., Jefferson City, to Pittsburgh Des Moines Steel Co., Tuttle and Northwest 10th Sts., Des Moines, Ia., grading 0.095 mi. road from Gentry Co. line north, Worth Co. $1,973, and 0.072 mi. road from Gentry Co. line south, Gentry Co. $2,952; to C. F. Johnson & Sons, Buffalo, 30 ft. grading 0.529 mi. road from Yancey Mills north, Phelps Co. $25,357, to Maxwell Constr. Co., Columbus, Kan., 0.0671 mi. road from New Market north, Platte Co. $9,528, to M. Haase, St. Joseph, 4.068 mi. road from Gentry Co. line north, Worth Co. $28,414, and 5.353 mi. road from Worth Co. line south, Gentry Co. $44,756; to Stigall Constr. Co., Springfield, grading and 18 ft. concrete paving 1.682 mi. road from Springfield north, Greene Co. $77,038, and 3.828 mi. same road $62,745; to F. T. O'Dell, Hannibal, 18 ft. graveling 4.22 mi. road from Brookfield east, Linn Co. $14,872, and 20.164 mi. road from Macon north, Macon Co. $75,680; and to Kelly & Underwood, Granby, 18 ft. chats surfacing 0.263 mi Filley West Rd. $7,828, and 1.52 mi. Filley East Rd. $25,149, both Cedar Co. Grand total $376,287.

Mo., Lamar — Concrete paving, etc. approximately 7,800 sq.yd. North Gulf St. etc., to V. E. Koch, 702 North Pear St., Joplin.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, to Crean & Scott Constr. Co., 4030 Chouteau Ave., concrete paving, etc. 950 sq.yd. Jessica Ave., $4,879, 1,665 sq.yd. Thrush St., $9,478 and 4,880 sq.yd. 10th St., $28,315; to Skrainka Constr. Co., Security Bldg., concrete paving, etc. 3,625 sq.yd. Marcus St., $16,318, and Alley in City Block 205-S, $9,224; to Perkinson Bros. Constr. Co., 3237 Carter Ave., brick on concrete paving, etc. 3,440 sq.yd. Penrose St., $21,047, and concrete paving Alley in City Block 1169-N, $1,397; to Eyermann Contr. Co., 1216 South Grand Blvd., granite block paving, etc. 4,115 sq.yd. Theresa Ave., $29,930, and concrete paving Alley in City Block 5895, $1,159; to Trinidad Asphalt Mfg. Co., Title Guaranty Bldg., asphaltic concrete paving, etc. 945 sq.yd. 37th St., $6,534; to Webb-Boone Paving Co., 5103 Fyler Ave., amiesite paving, etc. 4,300 sq. yd. Grace Ave., $31,563; and to Alfred Lewald, Inc., 6025 West Cabanne Ave., concrete paving, etc. Alley in City Block 5235, $3,562, City Block 5008-W, $710, and City Block 753, $4260. Grand total $173,497. Noted Feb. 17.

Ark., Little Rock — Grading, curbing, concrete paving, etc., 10,500 sq.yd. Paving Dists. 406 and 407, to G. Garms, Rector Bldg., $14,165 and $21,095 respectively.

Ark., Texarkana — For 2 in. asphalt (Toneka mix) on 5 in. concrete paving Dudley Ave. and East St., Paving Dist. 45, to O. Yenglin, Texarkana, $76,955. Noted Mar. 10.

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Tex., Abilene — Warrenite bitulithic paving 8 blocks South 9th St., and bitulithic paving 5 blocks Orange St., to West Texas Constr. Co., Abilene, $32,000.

Tex., Abilene—Warrenite-bitulithic paving 9 blocks North 8th and Elm Sts., to West Texas Constr. Co., Abilene, at $2.27 and $2.91 per yd. respectively, total $28,000.

Tex., Abilene — Asphalt and concrete paving 13 blocks Ash and Mesquite Sts., to West Texas Constr. Co., Abilene, at $2.91 per yd., total $33,000.

Tex., Alice—Asphalt paving 54,834 sq. yd. business and residential streets, to Southwest Bitulithic Co., c/o Gunter Bldg., San Antonio, $140,000.

Tex., Brenham—Washington Co., grading, etc., 20 mi. Greenvine, Wesley and Latium Rds., to R. V. Sparks & J. W. Popejoy, Brenham, $30,000.

Tex., Houston—Harris Co., concrete paving 17.6 mi. La Porte Rd., to Tibbetts Constr. Co., Joseph Bldg., Ft. Worth, $506,866. Engrs. est. $690,000. Noted Feb. 3.

Tex., Luling—City Comn., 1½ in. rock asphalt on 10 in. gravel paving 8 blocks North Railroad Ave., to P. Schreiwer, Seguin, $59,000. Noted Jan. 27.

Tex., Wich'ta Falls—Rein.-con. paving 6 blocks Brook Ave., to L. L. Whitman & Co., Wichita Falls, at $2.91 per sq.yd., total $27,500.

Okla., Blackwell—Grading, curbing and vertical fibre brick paving 10,600 sq.yd. various streets in Dist. 39, to O. T. Tyler, Blackwell, $45,338. Engrs. est. $48,473. Noted Dec. 16.

Okla., Earlsboro—Grading, curbing and concrete paving 10,750 sq.yd. Main St., to Standard Paving Co., 1742 East 6th St., Tulsa $45,791. Engrs. est. $47,270. Noted Mar. 10.

Okla., Oklahoma City—Grading, curbing and concrete paving 6,400 sq.yd. Indiana Ave., to M. A. Swatek & Co., 519 West Main St., $30,308. Engrs. est. $32,614. Noted Nov. 25.

Okla., Tulsa—Paving streets in Paving Dists. 762 to 773 (inclusive), to Western Constr. Co., Daniel Bldg., $80,000. Noted Jan. 27.

Idaho—Commissioner Pub. Wks. at office Dist. Engineer, Lewiston, crushed rock surfacing 3.763 mi. Camas Prairie Highway, Idaho Co., to A. G. Kester, Lewiston, $34,361. Engrs. est. $38,620. Noted Feb. 17.

Idaho—State Bureau Highways, Coeur d'Alene, crushed rock surfacing, etc., 11,200 cu.yd. North and South Highway between Harvard and St. Maries, Benewah Co., to Massuto & Chapman, Spokane, Wash., $81,203.

Wash., Seattle—Bd. Pub. Wks., grading, etc., North 83rd St. et al, to Moceri Bros., 924 23rd St., $54,942; paving 30th Ave. S., to Odman Contg. Co., 2534 33rd St. S., using sand cast pipe, $53,866; and paving, etc., Erskine Way, et al, to Goetz & Brennan, Seaboard Bldg., centrifugal cast pipe, $330,275. Grand total $439,083.

Oregon—State Hy. Dept., Salem, grading and surfacing 23.2 mi. Pistol River Chetco River Sect. Roosevelt Highway, Curry Co., to Washburn & Hall, Worcester Bldg., Portland, $42,230; broken stone surfacing, etc. 12.75 mi. Siletz Bay-Otter Creek Sect. Roosevelt Highway, Lincoln Co., to Greenwood & Dann, 500 North Front St., Portland, $103,391, and Grand Ronde-Sheridan Sect. McMinnville-Tillamook Highway, Polk and Yamhill Counties, to Motor Investment Co., Ry. Exch. Bldg., Portland, $58,787. Grand total $204,408.

Calif., Huntington Park—Curbing, guttering, walks and 5 in. asphaltic concrete paving, etc. 638,610 sq.ft. Walnut St., etc., to Los Angeles Paving Co., 3200 East Vernon Ave., Los Angeles, approximately $124,875. Noted Mar. 3.

Calif., King City — Grading and 5 in. concrete paving, etc., 171,740 sq.ft. various streets, to J. L. Conner, Box 542, Monterey, approximately $37,012.

Calif., Los Angeles—Improving Museum Dr., to G. R. Curtis Paving Co., 2440 East 26th St., $221,679. Engrs. est. $191,709. Noted Mar. 3.

Calif., Los Angeles—W. Mead, et al, curbing, walks and 5 in. concrete paving 180,504 sq.ft. Shannon Rd. and Carnarvon Way, etc., to W. F. Peck, 1120 North Los Palmas St.

Calif., Los Angeles—Supervs. Los Angeles Co., curbing, guttering, walks, and oil and rock surfacing 304,028 sq.ft. Depot St., Co. Impvt. 513, to N. C. Hove & Sons, 819 Park St., South Pasadena, $43,435. Noted Mar. 10.

Calif., Pacific Grove — E. S. Johnston, city clk., grading, 1½ in. asphaltic concrete paving, etc., Ocean View Blvd., to Clark & Henery Constr. Co., Chancery Bldg., San Francisco.

Calif., Sacramento—Supervs. Sacramento Co., 11 mi. concrete and 2 mi. asphaltic macadam paving Joint Highway Dist. 4, to C. W. Wood, Manteca, $96,668. Noted Feb. 17.

Calif., San Bernardino—To Hall-Johnson Co., 905 Westminister St., Alhambra, improving Genevieve St., etc., 115,000 sq.ft. 4 in. asphaltic concrete paving at $0.155 per sq.ft., 25,000 sq.ft. walks $0.15, etc.

Calif., San Carlos—J. M. Edling, town elk., walks, 4 in. waterbound rock macadam paving with asphalt oil and rock screening surfacing, etc., 693,000 sq.ft. Orange and Woodland Aves., etc., to Robin Constr. Co., c/o Koff Realty Co., 25 Taylor St., San Francisco, $179,579. Noted Feb. 17.

Calif., San Diego—Common Council, grading, curbing and 5 in. concrete paving 8,676 sq.yd. El Cajon et al (Sub-Division Monte Vista Mar.), to Miracle Constr. Co., 1604 Dale St., $35,640. Noted Mar. 17.

Calif., San Diego—Supervs. San Diego Co., to United Concrete Pipe & Constr. Co., Los Angeles, improving Lemon Grove Blvd., etc., 927,667 sq.ft. 6 in. concrete paving at $0.197 per sq.ft., 6,607 lin.ft. concrete curbing $0.60, etc., total $324,864. Noted Mar. 3.

Calif., Santa Cruz—S. A. Evans, city clk., curbing, guttering, walks and 5 in. hydrated concrete paving, etc. Center, Lincoln Sts., etc., to Thompson Bros., Santa Cruz, $30,818.

Calif., Visalia—Constructing 10 mi. Balch Mountain Rd., to Stewart & Bland, 1106 Farris St., Fresno, $28,658.

Buildings—Commercial

Proposed Work

N. H., Manchester—STORE and OFFICE—J. Cashman Corp., 210 Essex St., Haverhill, Mass., having plans prepared by J. E. Baker, 1008 Elm St., 2 story and basement, 105 x 155 ft., brick, plain foundation, Chestnut St. $160,000.

N. H., Portsmouth—MASONIC TEMPLE—St. Johns Lodge A. F. & A. M., F. C. Tucker, chn., having preliminary plans prepared by J. E. Richardson, 56 Grove St., Dover, Masonic Temple, Middle St. $150,000 or more.

Mass., Arlington — APARTMENT — Gregory Court, Inc., c/o C. F. Springall, archt., 84 Sprague St., Malden, plans 3 or more story, brick, Massachusetts Ave. $150,000 or more.

Mass., Belmont—THEATRE and STORE—M. H. Provizer, 436 Geneva Ave., Dorchester, takes bids about Apr. 1, 2 story and basement, brick and steel, plain foundation, Cushing Sq. $150,000. H. T. Underwood, 46 Cornhill, Boston, archt. Noted Dec. 30.

Mass., Boston — HOSPITAL — Massachusetts General Hospital Fruit St., had plans prepared by Coolidge, Shepley, Bulfinch & Abbott, Ames Bldg., and takes bids after Apr. 1, 11 story and basement, 45 x 150 ft., brick and steel, concrete foundation, Fruit St. $1,000,000. Noted Jan. 27.

Mass., Boston—OFFICERS QUARTERS—City, Hospital Dept., J. P. Manning, pres., Harrison Ave., having preliminary plans prepared by Ritchie, Parsons & Taylor, 15 Ashburton Pl., 6 story, brick and limestone, plain foundation, Harrison Ave. To exceed $150,000.

Mass., Boston—THEATRE, STORE and DANCE HALL—L. Segal, 15 Exchange St., having revised plans prepared by Krokyn, Browne & Rosenstein, 220 Devonshire St., 2 story and basement, 50 x 155 ft., 20 x 60 ft., and 12 x 55 ft. brick, steel and stone, plain foundation, 144 Humboldt Ave. To exceed $150,000.

Mass., Boston—Y. W. C. A., 37 Beacon St., takes bids about Apr. 1, 10 story and basement, 90 x 160 ft., brick, steel and limestone, incl. swimming pool, gymnasium, club room, dining hall and classrooms, etc., Stuart and Clarendon Sts. $1,000,000. Shepard & Stearns, 65 Franklin St., archts. Noted Jan. 27.

Mass., Bourne—SANITORIUM—Comrs. Barnstable Co., c/o J. Purden, archt., 50 Congress St., Boston, having preliminary plans prepared sanitorium. $150,000 or more.

Mass., Bridgewater — THEATRE and STORE—C. M. Clifford, 106 Main St., Brockton, plans theatre and store, Broad St. here. $150,000. Engineer and architect not selected.

Mass., Chicopee — THEATRE, STORE and OFFICE—Wernick Bros., 108 Main St., having plans prepared by G. P. Alderman & Co., 316 High St., Holyoke, 2 story and basement, 65 x 150 ft., brick and steel, plain foundation, Bway. $200,000.

Buildings—Commercial (Continued)

Mass., Dedham — MASONIC — Constellation Lodge A. F. & A. M., J. W. Withington, chn. com., Washington St., raising $150,000 funds, and having sketches made by J. G. Hutchinson, 10 Norwell Rd., East Dedham, 2 story, and basement, brick, Washington St.

Mass., Lynn—STORE and OFFICE—Oxford Chocolate Co., 286 Main St., having preliminary sketches made by Sanborn & Weed, 38 Exchange St., 3 story and basement, brick store and office building. $150,000 or more.

Mass., Malden (br. Boston)—APARTMENT HOTEL, STORE and OFFICE—Syndicate, c/o J. S. Draper, 209 Washington St., Boston, having preliminary plans prepared by R. H. Doane, 162 Newbury St., Boston, 8 story and basement, brick and steel, Pleasant St., here. $3,000,000.

Mass., Newton (Ind. br. Boston)—INFIRMARY—Fessenden School, 215 Albermarle St., West Newton, having preliminary plans prepared by Shepard & Stearns, 65 Franklin St., Boston, brick, Albermarle St. $150,000 or more.

Mass., Quincy (br. Boston) — APARTMENT—Owner, c/o R. B. Whitten, archt., 101 Tremont St., Boston, having plans prepared 4 story and basement, 55 x 110 ft., brick and stone, Beale St., Wollaston Dist., here. $150,000.

Mass., Quincy (Boston P. O.)—COMMUNITY HOUSE—Wollaston Impvt Assn., W. K. Embleton, pres., 25 Bass St., plans community house. $150,000. Engineer and architect not selected.

Mass., Quincy (Boston P. O.) — MEMORIAL—City, F. F. McGrath, mayor, plans memorial building. $175,000. Engineer and architect not selected.

Mass., Springfield—HOSPITAL—Springfield Hospital, H. A. Fields, pres., having plans prepared by Stevens & Lee, 45 Newbury St., Boston, 2 story and basement, 60 x 195 ft., brick and limestone hospital addition and service building, plain foundation, North Chestnut and Springfield Sts. To exceed $150,000.

Mass., Taunton—HOTEL—Chamber of Commerce, F. L. Larkin, secy., plans hotel, Main St. To exceed $150,000. Engineer and architect not selected.

Mass., Taunton—THEATRE and STORE—Donovan Amusement Co., J. J. Donovan, treas., soon lets contract brick and steel, Bway. To exceed $150,000. J. E. Kelley, 31 West St., Boston, archt. Noted Dec. 13.

Mass., Watertown — LODGE — Amer. Legion Post 99, C. M. Abbott, 16 Columbia Ave., plans legion post lodge. $150,000 or more. Engineer and architect not selected.

R. I., Burrillville—HOSPITAL—State, Pub. Welfare Dept., State House, Providence, having plans prepared by W. Fontaine, 285 Main St., Woonsocket, brick and steel addition to State Sanatorium, here. $150,000.

R. I., Cranston (mail Providence)—HOSPITAL and INFIRMARY—State, Pub. Welfare Dept., Providence, having preliminary sketches made by Clarke & Howe, 11 Weybosset St., Providence, brick and steel hospital, here, to exceed $150,000; and having plans prepared by W. Fontaine, 285 Main St., Woonsocket, brick and steel infirmary, here, $265,000. Noted Mar. 10.

R. I., Exeter — WARD — Pub. Welfare Dept., State House, Providence, having plans prepared by W. Walker & Sons, 49 Weybosset St., Providence, ward building at Exeter School. Noted Mar. 10.

R. I., Providence — MEMORIAL — City, City Clerk, City Hall having sketches made war memorial. To exceed $150,000. Engineer and architect not selected.

R. I., Providence — STORAGE and WAREHOUSE — Belsher & Loomis Co., 89 Weybosset St., having plans prepared by Jenks & Ballou, 1035 Grosvenor Bldg., rein.-con., brick and steel, West Exchange St. $150,000. Noted Jan. 20.

R. I., Providence—Y. W. C. A., 54 Jackson St., plans altering and constructing Y. W. C. A. addition. $150,000. Engineer and architect not selected.

Conn., Middletown—HOTEL—Amer. Hotel Assn., c/o Middletown Chamber Commerce, E. A. Inglis, chn. com., 363 Main St., plans hotel. To exceed $150,000. Engineer and architect not selected.

Conn., New Haven — STORAGE — C. Abadessa & Bros., 168 Grand Ave., having preliminary plans by L. A. Julianelle, 42 Church St., 6 story, rein.-con., brick and steel, Grand and Olive Sts. $150,000.

N. Y., Binghamton—Y. M. C. A., 2 West 45th St., New York City, having plans prepared by L. Jallade, 129 Lexington Ave., New York City, 6 story, brick, steel and stone addition, plain foundation, here. $500,000.

N. J., Annandale—HOME—State Building Comn., Trenton, having plans prepared by C. N. Leathem, Jr., State Bldg., Trenton, boys home, here. $1,000,000.

N. J., Bayonne — HOSPITAL and NURSES HOME—Bayonne Hospital, 30th St., soon lets contract 6 story hospital, and 4 story nurses home, brick and steel, plain foundations, 30th and 31st Sts. between Avenue E and Bway. $700,000. Crow, Lewis & Wock, 200 5th Ave., New York City, archts. Noted Mar. 10.

N. J., Jersey City—ADMINISTRATION—New York State Bridge & Tunnel Comn., and New Jersey Interstate Bridge & Tunnel Comn., Woolworth Bldg., New York City, soon take bids brick, steel and stone, plain foundation, Provost and 14th Sts., here. $200,000. Private plans.

N. J., Jersey City—CLUB HOUSE—Order of Odd Fellows, Bergen Sq., takes bids about June 1, 8 story, 50 x 110 ft., brick and steel, plain foundation, Academy St. and Bergen Sq. $350,000. Former bids rejected. Dodge & Morrison, 160 Pearl St., New York City, archts. Noted Sept. 16.

N. J., Newark — APARTMENTS — L. E. Goldfarb, 870 road St., had plans prepared by N. Myers, 244 Elizabeth Ave., 5 story, 100 x 125 ft. brick, plain foundation, Clinton Ave. between 10th and 11th Sts. $300,000.

N. J., Ridgewood — MUNICIPAL — Bd. Village Comrs., Municipal Bldg., soon lets contract constructing municipal and police department building. E. J. Fort, village engr. Noted Feb. 4.

N. J., Trenton—CAPITOL—State House Comn., N. A. K. Bugbee, pres., plans capitol addition. $500,000. Engineer and architect not selected.

Pa., Harrisburg—HOSPITAL—Keystone Hospital, 801 North 3rd St., having plans prepared by Kast & Kelker, 222 Market St., Phila., 5 story and basement, 60 x 130 ft., rein.-con. and brick, plain foundation.

Pa., Phila.—APARTMENT—H. H. Kline, archt., Bulletin Bldg., soon lets contract 3 story and basement, 80 x 100 ft., brick and steel, plain foundation, here. $150,000. Owner's name withheld.

Pa., Phila.—OFFICE—J. H. McClatchey, 11 South 69th St., having plans prepared by W. Steele & Son Co., archts. and engrs. 15th and Cherry Sts., 3 story and basement, 100 x 140 ft., rein.-con., brick and steel, plain foundation, 69th and Market Sts.

Fla., Jacksonville — COMBINATION AUDITORIUM—City and Chamber of Commerce having plans prepared by R. A. Benjamin, Bisbee Bldg., 5 story, 90 x 100 ft., rein.-con. and brick, Laura St. $300,000.

Miss., Vicksburg—HOTEL—Local Syndicate forming, c/o Weiss, Dreyfus & Seiferth, Maison Blanche Bldg., New Orleans, La., having preliminary plans prepared 10 story, 300 room, rein.-con. brick and steel, piling foundation, here. $1,000,000.

La., Coushatta—COURT HOUSE—Red River Parish, W. L. Mangham, secy., postponed indefinitely construction court house. $150,000 bonds election for same called off. H. J. Duncan, 20 Murray St., Alexandria, archt. Noted Feb. 17.

La., Monroe—OFFICE—P. P. Bernhardt having preliminary plans prepared by J. W. Smith, Ouachita Bank Bldg., 6 or 8 story, rein.-con., brick and stone, pile foundation, Desiard and 2nd Sts. $350,000.

La., Shreveport — AUDITORIUM and MARKET—Voted $300,000 bonds, auditorium, and defeated $100,000 bonds, market.

La., Shreveport—OFFICE—Medical Arts Building Co., c/o J. Benson, pres., 502 Atkins St., taking bids 9 story and basement, 48 x 143 x 150 ft., rein.-con., brick and steel, plain foundation, Travis St. $400,000. Private plans. Noted Oct. 14.

Ky., Louisville—CLUB—Pendennis Club, 332 West Walnut St., having plans prepared by Nevin, Wischmeyer & Morgan, Starks Bldg clubhouse, 332 West Walput St. To exceed $300,000.

Ky., Louisville — HOSPITAL — Nevin, Wischmeyer & Morgan, archts., Starks Bldg., soon lets contract 3 story and basement, 173 ft. frontage, E shaped, rein.-con. and brick, plain foundation, also 1 story 72 x 82 ft. concrete and brick boiler house connected with 50 ft. tunnel Shelby St. and East Parkway, for Evangelical Hospital Assn. $500,000.

O., Dayton—Y.M.C.A., 3rd and Ludlow Sts., J. F. Dickson, secy., having plans prepared by Schenk & Williams, 3rd Natl. Bldg., 8 to 10 story, brick and steel, plain foundation, Monument Ave. $1,000,000. Noted Feb. 24.

O., Sandusky—THEATRE, OFFICE and RECREATION—W. F. Seitz, Jr., Columbus Ave., soon lets contract 2 and 5 story, brick, steel and concrete theatre, office and recreation building. $500,000. W. Whitney, 6951 South Green St., Chicago, Ill., and Millot & Parker, Sandusky, associated archts.

Ind., Anderson — THEATRE—Anderson Realty Co., c/o N. McCullough, Citizens Bank Bldg., plans theatre 2,500 seating capacity, $500,000.

Ind., Evansville—HOTEL—Vendome Hotel having plans prepared by Fowler & Karges, Furniture Bldg., and takes bids about May 1, 5 story, rein.-con., brick and steel addition. $200,000.

Ind., Ft. Wayne—APARTMENT—Apartment Building Co., C. J. Nathan, pres., 1116 West Washington St., having plans prepared by A. M. Strauss, Tri State Bldg., and takes bids about Apr. 1, 6 story and basement, rein.-con., brick and steel apartment. $350,000.

Ind., Ft. Wayne—WAREHOUSE—Home Telephone Co., 303 East Berry St., having plans prepared by C. R. Weatherhogg, 250 West Wayne St., and soon takes bids 2 story and basement, 130 x 175 ft., brick and steel warehouse, $150,000.

Ind., Hammond — APARTMENT — De Peyster Corp., c/o A. C. Berry & Co., archts., Hammond, having plans prepared rein.-con., brick and steel, Harrison Park Dist. $175,000.

Ind., Hammond — APARTMENT — F. Kurtz, Knox, having plans prepared by A. C. Berry & Co., Hammond, rein.-con., brick and steel apartment, Hohman St., here. $180,000.

Ind., Huntington—Y. M. C. A. having preliminary plans prepared brick building. $150,000. Engineer and architect not selected.

Ind., Kokomo—COURT HOUSE—Comrs. Howard Co. having preliminary plans prepared new court house. $650,000. Engineer and architect not selected.

Mich., Detroit — APARTMENT — L. Kamper, archt., Kamper Bldg., Cass Ave., takes bids about Apr. 8 (1st unit) 16 story and basement, 200 x 300 ft., rein.-con., brick and steel, plain foundation, Jefferson Ave., for J. B. Book Jr. Corp., Book Bldg. $5,000,000. Noted Mar. 10.

Mich., Detroit — CLUB — Y. M. C. A., Adams Ave., having plans prepared by R. O. Derrick, 120 Madison Ave., 5 story and basement, 125 x 150 ft., rein.-con., brick and steel, plain foundation, southeast section. $500,000.

Mich., Detroit—THEATRE—C. H. Miles, Detroit Theatres, Griswold and State Sts., having plans prepared 2 or 3 story and basement, 5,000 seating capacity, rein.-con., brick and steel, plain foundation, Northern Section. $500,000. Engineer and architects names withheld.

Mich., Grand Rapids—RAMP GARAGE—F. D. Avery having plans prepared by Robinson & Campau, 6 story, 50 x 150 ft., rein.-con. and brick, plain foundation, Bond and Ottawa Aves. $150,000.

Mich., Highland Park (br. Detroit)—Y. W. C. A., C. E. Boyd, acting pres., 2995 Vermont St., Detroit, plans 4 or 5 story and basement, rein.-con., brick and steel, plain foundation, here. $650,000. Engineer and architect not selected.

Mich., Jackson — OFFICE — Michigan Bell Telephone Co., Cass Ave., Detroit, having plans prepared by Smith, Hinchman & Grylls, 800 Marquette Bldg., Detroit, 2 story and basement, 90 x 103 ft., rein.-con., brick and steel, plain foundation, Jackson St. and Washington Ave. $250,000.

Ill., Chicago — APARTMENT HOTEL — W. H. Pruyn, Jr., archt., 122 South Michigan Ave., soon takes bids 7 story and basement, 100 x 125 ft., rein.-con., brick and terra cotta, North Side. $450,000. Owner's name withheld.

Ill., Chicago—APARTMENT and STORE—Dubin & Eisenberg, archts., 14 West Washington St., soon takes bids 5 story and basement, 90 x 150 ft., brick and stone, Roosevelt Rd. and Morgan St., for Associated Mercantile Co., 848 West Roosevelt Rd. $400,000.

Wis., Green Bay—HOSPITAL—St. Vincent Hospital, 840 South Webster St., having plans prepared by Foeller & Schober, 225 North Adams St., 3 story and basement, 85 x 142 ft., rein.-con., brick and steel addition, plain foundation. $150,000.

Wis., Madison — HOSPITAL — Madison Lutheran Sanitorium Assn., A. O. Olman, treas., plans rein.-con., brick and steel, plain foundation. $400,000. Engineer and architect not selected.

Wis., Rhinelander—HOTEL—J. Bronk having plans prepared 4 story, 60 x 94 ft., rein.-con., brick and steel, plain foundation. $200,000. Private plans.

Wis., Wausau — HOSPITAL — Marathon Co., C. H. Kuhlman, clk., having plans prepared by Parkinson & Dockendorff, La

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Buildings—Commercial (Continued)

Crosse, 2 story, 84 x 207 ft., rein.-con., brick and steel hospital. $170,000.

Minn., Rochester—THEATRE—Finkelstein & Ruben, 425 Loeb Arcade, Minneapolis, and Hamm Realty Co., 316 Hamm Bldg., St. Paul, soon lets contract rein.-con. and brick theatre, here. $250,000. Ellerbe & Co., 692 Endicott Bldg., St. Paul, archts.

Kan., Dodge City—HOTEL—Dodge City Hotel Co. plans 5 story and basement, 115 x 120 ft., rein.-con. and brick hotel. $300,000. Engineer and architect not selected.

Mo., Kansas City—APARTMENT HOTEL—W. D. Snyder, 817 Commerce Bldg., having plans prepared by P. T. Drotts, 423 Reliance Bldg., 11 story and basement, 102 x 125 ft., rein.-con., Linwood Blvd.

Mo., Poplar Bluff — HOTEL — C. C. Phillips, Milwaukee, Wis., will not construct 8 story and basement, 275 room, rein.-con., brick and stone, College Hill. $500,000. Project postponed indefinitely. M. Laubis, 735 North 9th St., archt. Noted Feb. 3.

Mo., St. Louis—CLUB HOUSE—G. F. A. Brueggeman, archt., 311 Liberty Central Bldg., soon lets contract 8 story and basement, 37 x 90 ft., rein.-con., brick and stone addition, 4th St., for Missouri Athletic Assn., 407 Washington Ave. Noted Nov. 18.

Mo., St. Louis—HOTEL—H. A. Sodini, 5 Washington Terrace, having plans prepared remodeling 8 story hotel, and constructing 4 story top addition, 9th and Pine Sts. Private plans.

Mo., St. Louis — MORGUE — Bd. Pub. Serv., 208 City Hall, soon takes bids 2 story and basement, 72 x 113 ft., rein.-con., brick, stone and terra cotta morgue, Clark Ave. $160,000. L. R. Bowen & H. Updike, 301 City Hall, engrs. L. R. Bowen & A. Osburg, 301 City Hall, archts. Noted Feb. 17.

Ark., Ft. Smith — TEMPLE — Masonic Temple Assn., c/o R. L. Secrest, secy., plans rein.-con., brick and stone temple. $250,000. Engineer and architect nto selected.

Ark., Texarkana—CITY HALL and AUDITORIUM—Voted $300,000 bonds, 3 story, rein.-con., brick and stone, incl. 1,200 seating capacity auditorium; also $10,000 for fire alarm system. Witt, Seibert & Halsey, 807 Texarkana Natl. Bank Bldg., archts. Noted Mar. 17.

Tex., Abilene — HOTEL — Blue Bonnet Hotels Co., c/o F. Singleton, Kelson Hotel, Ranger, having preliminary plans, etc. prepared 7 or 8 story, rein.-con. and brick, plain foundation, here. $300,000. Noted July 8.

Tex., Amarillo — HOSPITAL — Sacred Heart Catholic Congregation takes bids in April, 5 story and basement, rein.-con., brick, stone and steel, plain foundation. $600,000. Private plans.

Tex., Beaumont—Y. M. C. A., c/o C. L. Berly, pres. Bd. Directors, making preliminary plans 4 or 5 story, rein.-con. and brick, plain foundation. $200,000. Engineer and architect selected soon.

Tex., Galveston — HOTEL — Galveston Hotel Co., c/o H. Kempner, having plans prepared by Mauran, Russell & Crowell, Chemical Bldg., St. Louis, Mo., 125 room, rein.-con., brick and stone addition. $150,000-$350,000.

Tex., Harlington—HOTEL—F. M. Discus, c/o Venetian Estates, and B. A. Elwing, archt., Harlingen, having plans prepared 6 story and basement, rein.-con., brick and tile, plain foundation. $500,000.

Tex., Levelland — COURTHOUSE and JAIL—Hockley Co., c/o Judge, election about Apr. 5, $150,000 bonds, new courthouse and jail.

Tex., San Antonio—APARTMENT—C. E. Goree, c/o Carvel & Co., archts., Frost Bldg., having plans prepared 5 story and basement, rein.-con., brick, tile and stucco, plain foundation, Woodlawn and Belknap Sts. $250,000.

Tex., San Antonio—OFFICE—S. Katz, 122 East Grammercy St., purchased site and plans 79 x 200 ft. office building, Commerce and Main Sts. $800,000.

Tex., San Antonio—OFFICE—Jefferson Realty Co., c/o B. R. Webb, pres., 3rd and Bway. Sts., purchased site and plans office building, Travis and Jefferson Sts. $400,000.

Tex., Texarkana — CITY HALL — City having plans prepared by Witt, Seibert & Halsey, Texarkana, 2 story and part basement, rein.-con. and brick, plain foundation. $300,000 bonds voted for same. Noted May 6.

Okla., Oklahoma City—APARTMENT—J. O. Parr (archt. and owner), Cotton Exch. Bldg., made plans Aberdeen Apartments, 7 story, 45 x 118 ft., rein.-con., brick and stone, plain foundation, 15th and Robinson Sts. $350,000.

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Okla., Oklahoma City—HOSPITAL—Oklahoma General Hospital Assn., 511 West 12th St., had plans prepared by H. Reynolds, Merchants Bldg., and soon takes bids 4 story and basement, 40 x 116 ft., rein.-con. and hollow tile, plain foundation, 511 West 12th St. $150,000. Noted Nov. 11.

Okla., Oklahoma City—HOTEL—Travelers Hotel Assn., c/o R. M. Funk, 136 West 23rd St., having plans prepared by Layton, Hicks & Forsyth, 906 Braniff Bldg., 14 story and basement, 75 x 140 ft., rein.-con., brick and stone, Grand St. $350,000. Noted Sept. 30.

Okla., Seminole—OFFICE—W. A. Grisso, Seminole, having preliminary plans prepared by P. E. Meeting, Okmulgee, 3 story and basement, 75 x 140 ft., rein.-con. and brick, plain foundation, 2nd St. $160,000. Gas heating system.

Nev., Las Vegas—HOTEL—A. L. Richmond, c/o J. M. Haenke, archt., Rives-Strong Bldg., Los Angeles, Calif., having plans prepared 2 story ,approximately 150 x 500 ft., rein.-con. hotel, incl. swimming pool, here. $500,000 or more.

Nev., Las Vegas—THEATRE, OFFICE and STORE — J. A. Moore, c/o J. M. Haenke, archt., Rives-Strong Bldg., Los Angeles, Calif., had plans prepared 100 x 130 ft., rein.-con. theatre, etc., here. $150,000.

Ore., La Grande — HOTEL — J. Roesch having plans prepared by C. B. Miller, La Grande, hotel, Adams and Fir Sts. $250,000.

Ore., Portland—APARTMENT HOUSE—N. W. Howard and associates, c/o Ritter Lowe Co., Bd. Trade Bldg., having plans prepared by L. L. Dougan, Kreamer Bldg., 32 story and basement, 100 x 200 ft. apartment, West Park, Jefferson and Madison Park Sts. $2,000,000.

Ore., Portland—OFFICE and STORE—Strong & Murphy, Corbett Bldg., having plans prepared 100 x 100 ft. office and store, 6th and Main Sts. To exceed $500,000. Engineer and architect not announced.

Ore., Portland — THEATRE — Pantages Theatre Corp., 135 Bway., plans theatre. $1,000,000.

Ore., The Dalles—HOSPITAL—State Bd. Control, Salem, plans tuberculosis hospital, here. To exceed $150,000. Engineer and architect not selected.

Wash., Seattle — APARTMENT — Exter Co., Skinner Bldg., having plans prepared by Stuart & Wheatley, Walker Bldg., 10 story and basement, fireproof, 8th and University Sts. $1,000,000.

Wash., Vancouver — HOTEL—Syndicate having plans prepared by Tourtellotte & Hummell, Failing Bldg., Portland, Ore., 3 story, 100 x 100 ft. hotel, 5th and Main Sts. $250,000.

Calif., Los Angeles—APARTMENT—W. Allen, archt., Bank of Italy Bldg., preparing plans 5 story and basement, 80 x 165 ft., concrete, Wilshire Dist. $175,000. Owners name withheld.

Calif., Los Angeles—NATATORIUM—Interests represented by Hennessy Bros. & Co., Inc., Lane Mortgage Bldg., plans 2 story and basement, 135 x 213 ft., brick, Gordon St. and Sunset Blvd.

Calif., Oakland — APARTMENT — C. N. Burrell, archt., Amer. Bank Bldg., soon takes bids 6 story and basement, brick and steel, 14th St. near Lake Merritt. $150,000. Owner's name withheld.

Calif., Petaluma—BANK and OFFICE—Amer. Trust Co., San Francisco, having plans prepared by Appleton & Hyman, 68 Post St., San Francisco, 3 story and basement, brick and steel, Main St., here. $150,000 or more.

Calif., Sacramento — HOTEL — Sellon & Co., archts., California State Life Bldg., soon takes bids 4 story and basement, 80 x 160 ft., brick, 4th and 1st Sts., for Russell Chan, c/o architects. $150,000.

Calif., San Bernardino — THEATRE, STORE and OFFICE — J. Paxton Perrine, archt., Lincoln Bldg., Los Angeles, soon takes bids rein.-con., 4th St., for W. O. Harris, et al., c/o architect. $200,000.

Calif., San Bernardino—THEATRE—Langley Theatre, Inc., Los Angeles, having preliminary plans prepared by J. P. Perrine, Lincoln Bldg., Los Angeles, probably 2 story, rein.-con., 2,000 seating capacity, 4th St. between E and F Sts. $250,000.

Calif., San Francisco—APARTMENT—J. C. Byrne, et al, c/o R. C. Sisson, archt., 468 Crescent St., Oakland, having plans prepared 7 story and basement, steel and concrete, Vallejo St. near Franklin St. $160,000.

Calif., San Francisco—APARTMENT—H. C. Keenan, c/o H. C. Baumann, archt., 251 Kearny St., had plans prepared 6 story and basement, steel and concrete, Laguna St. near Sacramento St. $175,000.

Calif., San Francisco—APARTMENT—C. Schaffer, c/o R. C. Sisson, archt., 468 Crescent St., Oakland, having plans prepared 14 story and basement, Hyde St. near Greenwich St. $175,000.

Calif., San Francisco—APARTMENT—Bway.-Laguna Apartments, Inc., c/o Herman & Appleton, archts., Foxcroft Bldg., having revised plans prepared 7 story and basement, steel and concrete, Bway. and Laguna Sts. $200,000. Former bids rejected. Noted Mar. 3.

Calif., San Francisco—APARTMENT—D. M. Crooks, archt., 532 16th St., Oakland, preparing preliminary plans 6 story and basement, rein.-con., Richmond Dist. $300,000. Owner's name withheld.

Calif., San Francisco — OFFICE, etc. — Plans election $150,000 or more bonds, office building, etc. to house Dept. Pub. Health, Civic Center Area.

Calif., Visalia — THEATRE — Golden State Theatre Co., c/o M. T. Jorgensen, archt., 742 Market St., San Francisco, had plans prepared fireproof theatre, Main St. $200,000.

Que., Quebec City—HOTEL—Owners, c/o J. Samson, 144 St. Francois St., soon takes bids 6 story, brick, steel and stone hotel. $200,000.

Ont., Ottawa—HOSPITAL—Grey Nuns of the Cross plan hospital addition, Water St. $300,000.

Ont., Toronto — APARTMENT — Ideal Homes, Ltd., 181 Hudson Dr., having plans prepared by Kaplan & Sprachman, 305 Dundas St. W., 4 story and basement, rein.-con., brick and steel, plain foundation, St. Clair Ave. W. near Oakwood Ave. $300,000.

Ont., Toronto—APARTMENT—D. Kaplan, 305 Dundas St. W., having plans prepared by Kaplan & Sprachman, 305 Dundas St. W., 4 story and basement, rein.-con., brick and steel, plain foundation, Cheritan Ave. and Yonge St. $150,000.

Ont., Toronto — APARTMENT — T. E. Stephenson, c/o Kirk Hyslop, archt., 43 Adelaide St. W., having plans prepared 3 or 4 story, rein.-con., brick and steel, plain foundation, George St. $200,000.

Ont., Toronto—AUTOMOBILE—Brooks Steam Motors, Ltd., Metropolitan Bldg., plans probably 8 story and basement, 100 x 200 ft., rein.-con., brick and steel, plain foundation. $500,000. Engineer and architect not selected.

Ont., Toronto — OFFICE — Sampson Mathews, Ltd., 364 Yonge St., having plans prepared by M. Brown, Confederation Life Bldg., 3 or 4 story and basement, rein.-con., brick and steel, plain foundation, Yonge St. and Summerhill Ave. $160,000.

Bids Desired

N. H., Nashua—CITY HALL—Apr. 11, by City, Building Dept., altering and reconstructing 3 story and basement, city hall, Main St. $150,000. W. E. O'Neil, Main St., archt.

Mass., Arlington — APARTMENT — See "Contract Awarded."

Mass., Boston—HOSPITAL—Massachusetts Osteopathic Hospital, c/o J. W. Beal Sons Co., archts., 185 Devonshire St., taking bids 2 story and basement, brick and stone, plain foundation, Evergreen St. and South Huntington Ave. $150,000. Noted Mar. 10.

Mass., Cambridge (Boston P. O.) — APARTMENT—See "Contracts Awarded."

Mass., Cambridge (Boston P. O.) — APARTMENT—Harvard Housing Trust, 9 Park St., Boston, taking bids 2 story and basement, 90 x 115 ft., brick and stone, plain foundation, Gibson St. $150,000. Kilham, Hopkins & Greeley, 9 Park St., Boston, archts.

Mass., Cambridge (Boston P. O.) — THEATRE, STORE and OFFICE—Porter Realty Co., c/o G. N. Jacobs, archt., 9 Bosworth St., Boston, taking bids 2 story and basement, 110 x 150 ft., brick, steel and stone, plain foundation, 2009 Massachusetts Ave., here. $350,000. Noted Feb. 24.

Mass., Haverhill—THEATRE—S. Jensky, c/o Blachall, Clapp & Whittemore, archts., 31 West St., Boston, taking bids 1 story and basement, 80 x 130 ft., brick and steel, plain foundation. $150,000.

Mass., Hyannis — CLUB — Oyster Harbors, Inc., c/o C. M. Baker, archt., 25 Arch St., Boston, taking bids 2 story and basement, 50 x 230 ft., and 35 x 120 ft., brick, plain foundation, Oyster Harbor Sect. here. To exceed $150,000.

Mass., Lynn — APARTMENT — G. M. Prunier, 42 West Baltimore St., taking bids 4 story and basement, brick and stone, plain foundation, 117 Lewis St. $150,000. B. E. Porter, Tremont Bldg., Boston, archt.

Mass., Malden (br. Boston)—STORE and OFFICE—C. H. Tenney Co., engrs., 200 Devonshire St., Boston, taking bids 5 story and basement, brick, plain foundation, 161

Buildings—Commercial (Continued)

Pleasant St., here, for Malden Gas & Electric Co., c/o engineer. $150,000. E. B. Stratton, 25 Arch St., Boston, archt.

Mass., Newburyport—BANK—Apr. 7, by T. M. James Co., archts., 3 Park St., Boston, 1 story and basement, steel, brick and stone, plain foundation, here, for Newburyport Five Cent Savings Bank, 74 State St. $150,000. Noted Jan. 20.

Mass., Quincy (br. Boston)—APARTMENT—Owner, c/o R. B. Whitten, archt., 101 Tremont St., Boston, taking bids 4 story and basement, 55 x 110 ft., brick and stone, Beale St., Wollaston Dist., here. $150,000. Noted Mar. 24.

Mass., Springfield—APARTMENT—See "Contracts Awarded."

Mass., Taunton — THEATRE — Donovan Amusement Co., J. J. Donovan, pres., 30-32 Bway., taking bids 1 story and basement, brick and steel, plain foundation, Bway. To exceed $150,000. J. E. Kelley, 31 West St., Boston, archt. Noted Dec. 16.

Conn., Hamden (br. New Haven) — BANK—Norton & Townsend, archts., 405 Temple St., New Haven, taking bids 2 story and basement, 85 x 110 ft., brick, stone and steel, Dixwell Ave., here, for Hamden Bank & Trust Co. $200,000. Noted Mar. 10.

Conn., Stonington — TOWN HALL — Town, Bd. Selectmen, taking bids 2 story and basement, 70 x 100 ft., brick and steel hall, incl. auditorium, 1,000 seating capacity. $150,000. Norton & Townsend, 405 Temple St., New Haven, archts. Noted Jan. 6.

N. J., Camden—DEPARTMENT STORE—Mar. 25, by G. C. Nimmons Co., archts., 122 North Michigan Ave., Chicago, Ill., 2 story, 163 x 240 ft., and 68 x 104 ft., rein.-con. and brick, wood pile foundation, Bridge Blvd. between Memorial and Mt. Ephraim Aves., here, for Sears Roebuck Co., Roosevelt Blvd., Phila., Pa. Noted Mar. 3.

Pa., Swissvale—OFFICE—Union Switch & Signal Co. taking bids 5 story and basement, 110 x 216 ft., brick and steel office building. $200,000. Janssen & Cocken, Century Bldg., Pittsburgh, archts. Noted Mar. 3.

Ky., Ashland—HOTEL—Apr. 20, by Wysong & Bengtson, archts., Prof. Bldg., Charleston, W. Va., 11 story and basement, 64 x 82 ft., rein.-con., brick and steel, plain foundation, 13th and Winchester Sts., here, for Ashland Hotel & Realty Co. $325,000. Steam heating, gas, ventilating, elevators, refrigeration, pumps, boilers, natural stone, terra cotta, metal lathe, flooring, roofing, paint, pipe, waterproofing, etc.

Ky., Louisville—OFFICE and STORE—Mar. 28, by Joseph & Joseph, archts., Francis Bldg., 6 story and basement, 95 x 175 ft., brick and timber, 3rd St. and Bway., for F. G. Breslin, 1289 Cherokee Rd. $600,000. Noted Jan. 20.

Ind., Anderson—APARTMENT—R. W. Bailey, 1521 Jackson St., taking bids 3 story, 40 x 120 ft. modern apartment, 25th and Main Sts., for Mainview Realty Corp. $160,000. E. F. Miller, Anderson, archt. Noted Feb. 17.

Mich., Detroit—APARTMENT—Mar. 29 by Wiedmaier & Gay, archts., 1212 Metropolitan Bldg., 4 story and basement, 120 x 225 ft., rein.-con., brick and steel, plain foundation, Dexter Blvd., for Dunitz Bros., 2545 Boston Blvd. $300,000.

Mich., Detroit — WAREHOUSE — Smith Hinchman & Grylls, archts., 800 Marquette Bldg., taking bids 8 story and basement, rein.-con., and brick, plain foundation, Lafayette Ave., for Crowley Milner Co., Gratiot and Farmer Sts. $350,000.

Ill., Chicago — DETENTION HOME — Mar. 31, by City, Room 406 City Hall, 2 story and basement, 81 x 161 ft., rein.-con. and brick, Loomis and Monroe Sts. A. A. Sprague, comr. Pub. Wks. Noted Feb. 24.

Ill., Chicago—THEATRE—Rapp & Rapp, archts., 190 North State St., taking bids rein.-con. and brick, Lipps St. and Lawrence Ave., for Balaban & Katz, 175 North State St. $800,000.

Mo., St. Louis—OFFICE—R. M. Tucker, archt., c/o Missouri Pacific R.R. Co. (owner), Ry. Exch. Bldg., and Mauran, Russell & Crowell, consult. archts., Chemical Bldg., taking bids and open same about Apr. 10, general work 22 story, 40 ft. tower, and basement, 100 x 293 ft., rein.-con., brick, steel, stone and granite, 13th and Pine Sts. Archts. total est. $2,000,000. E. A. Hadley, c/o owner, ch. engr. Noted Feb. 10.

Wash., Bellingham—HOTEL—May 15, by Leopold Hotel Co., 7 story and basement, 110 x 125 ft., hotel addition, also 55 x 125 ft. sample room, both rein.-con. and steel, Cornwall and Chestnut Sts. $500,000. H. I. Stevens Co., 30 North Michigan Ave., Chicago, Ill., archts. Noted Jan. 13.

Calif., Los Angeles—APARTMENT—See "Contracts Awarded."

Calif., Los Angeles — APARTMENT — C. C. Frye, archt., Grosse Bldg., taking bids 4 story and basement, 60 x 150 ft., rein.-con., Flower St. near 20th St., for Flower St. Income Properties Co., 406 Grosse Bldg. $175,000. Noted Mar. 10.

Calif., Los Angeles—LOFT and OFFICE—A. C. Martin, archt., Higgins Bldg., taking bids 7 story, rein.-con. addition, Hill St. for J. J. Schumacher, c/o architect $150,000 or more.

Calif., Los Angeles—HOTEL—Jones & Ward, archts., 1555 North Western Ave., taking bids 5 story and basement, brick and steel, Bixel St. near 6th St., for Jacobwitz & Mintz, c/o architects. $200,000.

Calif., San Francisco—APARTMENT—See "Contracts Awarded."

Calif., San Francisco — HOTEL — See "Contracts Awarded."

Calif., San Francisco — OFFICE and LOFT—V. Buckley, archt., 525 Underwood Bldg., taking bids 10 story and basement, steel and rein.-con., Howard and 2nd Sts., for Ideal Realty Co., 46 Kearny St. $400,000. Noted Mar. 10.

Calif., Stockton — APARTMENT — See "Contracts Awarded."

Bids Received

N. Y., Albany—GARAGE—Albany Ry. Co., 180 x 180 ft., rein.-con., brick and steel garage, from Hunkin-Conkey Constr. Co., Hunkin-Conkey Bldg., Cleveland, O. Archts. est. $150,000.

Ind., Indianapolis — SCOTTISH RITE CATHEDRAL—Scottish Rite Lodge, 34 South Meridian St., general contract rein.-con., brick and steel, Meridian and North Sts., from Selden-Breck Co., 420 South Kings Highway, St. Louis, Mo. Archts. est. $2,500,000. Noted Mar. 25, 1926.

Contracts Awarded

Mass., Arlington—APARTMENT—Thorner Constr. Co., Kendall Sq. Bldg., Cambridge, will build 4 story and basement, irregular shaped, brick and stone, plain foundation, 289 Bway. $200,000. Work will be done by separate contracts. N. R. Willard, 402 Massachusetts Ave., archt. Noted Mar. 17.

Mass., Boston—GARAGE—F. J. Van Etten Co., (Contractor), 100 Boylston St., will build, 7 story, 75 x 100 ft., rein.-con. and steel, 434 Newbury St. $300,000. Owners name withheld.

Mass., Boston—STORE and OFFICE—Massachusetts General Hospital, 50 State St., Boston, altering 6 story and basement, brick and steel, 70-80 Tremont St., to W. A. Wentworth Co., 107 Pacific St., Cambridge. Archts. est. $150,000. Noted Feb. 17.

Mass., Cambridge (Boston P. O.)—APARTMENT—Agassiz Realty Corp., M. Rosenfield, treas., 53 Hazelton St., Dorchester, will build 4 story and basement, 115 x 125 ft., brick and stone, plain foundation, Agassiz St. $250,000. Work will be done by separate contracts. R. B. Whitten, 101 Tremont St., Boston, archt.

Mass., Cambridge (Boston P. O.)—APARTMENT—Allen & Shapiro, 27 School St., Boston, will build 4 story and basement, 100 x 130 ft., brick and stone, plain foundation, Cambridge St. $350,000. Work will be done by separate contracts. S. E. Moffie, 51 Cornhill, Boston, archt. Noted Mar. 17.

Mass., Cambridge (Boston P. O.)—APARTMENT—J. L. Cotter, 580 Massachusetts Ave., 4 story and basement, 85 x 115 ft., brick and stone, plain foundation, Avon and Martin Sts., to W. T. Dineen Constr. Co., 23 Central Ave. Archts. est. $175,000. Former contract rescinded. Noted Feb. 24.

Mass., Cambridge (Boston P. O.)—APARTMENT—Rosen & Levine, 333 Washington St., Boston, will build 3 story and basement, 140 x 190 ft., brick and stone, plain foundation, Alton Pl. $200,000. Work will be done by separate contracts. S. E. Moffie, 51 Cornhill, Boston, archt. Noted Mar. 17.

Mass., Lynn—STORE and APARTMENT—R. M. Galazain c/o B. E. Porter, archt., 1107 Tremont St., Boston, 4 story and basement, brick and stone, plain foundation, Union St., to M. Frasco, 91 Harbor St. Archts. est. $150,000.

Mass., Springfield—APARTMENT—H. E. Angers & Bros., Inc., 293 Bridge St., will build 4 story and basement, brick, Federal St. To exceed $150,000. Work will be done by separate contracts. Private plans.

R. I. Providence — THEATRE — A. C. Emery, 36 Exchange St., 2 story, 100 x 160 ft., brick, stone and tile, Hope and 4th Sts., to Rowley Constr. Co., 260 Central Ave., Pawtucket, Archts. est. to exceed $150,000.

Conn., Bridgeport—GARAGE and SHOW ROOM—Miller Motor Sales Co., Fairfield Ave., 1 story and basement, 50 x 106 ft., brick, steel and terra cotta, Fairfield Ave., to W. V. Stapleton, 54 Elmwood Ave. Archts. est. $45,000. Noted Jan. 13.

Conn., Bristol — THEATRE — Colonial Theatre, Inc., c/o Lockwood & Porter, 102 South St., New Britain, general contract 2 story and basement, 75 x 175 ft., rein.-con., brick and steel, plain foundation, to Charles Smith & Sons, Derby. Archts. est. $500,000. Mowl & Rand, 27 School St., Boston, Mass., archts. Noted Mar. 3.

Conn., New Haven — THEATRE and STORE—R. Carleton, 55 Hobart St., 2 story, brick and steel, incl. bowling alleys, Whitney Ave., to New England Constr. Co., 475 Chapel St. Archts. est. $150,000. Noted May 20.

N. Y., New York—BANK and OFFICE—Madison-60th St. Corp., L. M. Klein, 501 5th Ave., brick, steel and stone, plain foundation, 21 East 60th St., to Shroder & Koppel, Inc., 347 Madison Ave. Archts. est. $1,000,000.

N. J., Haledon (mail Paterson)—SANITARIUM—Passaic Co., Courthouse, Paterson, general contract 3 story, 40 x 150 ft. nurses home, 95 x 122 ft. service building, 3 story, 60 x 185 ft. dining room, and 3 story, 50 x 480 ft. infirmary, all brick and steel, here, to Consullo Burke Constr. Co., 613 15th St., Union City. Archts. est. $900,000.

Pa., Dormont — THEATRE — W. M. Swarts, general contract 2 and 3 story and basement, irregular shaped, brick, steel and stone, Potomac Ave., to Miller Constr. Co., Empire Bldg., Pittsburgh. Archts. est. $350,000. Noted Jan. 20.

Pa., Phila.—THEATRE—J. Wolf, c/o Hodgens & Hill, archts., 230 South 15th St., 1 story, basement and balcony, 60 x 140 ft., rein.-con., brick and steel, plain foundation, 7th and McClelland Sts., to S. Yellin & Son, 222 North 11th St. Archts. est. $150,000.

Pa., Pittsburgh — APARTMENT — Development Corp. of Pittsburgh, general contract 6 story and basement, 110 x 187 ft., brick and steel, Melwood Ave., to Peter A. Miller & Co., 600 Majestic Bldg., Detroit, Mich. Archts. est. $600,000.

Pa., Pittsburgh—APARTMENT—Mutual Building Co., c/o T. R. Hinckley, archt., Benedum Trees Bldg., for Park Mansions, 10 story and basement, 72 x 173 ft. Freer Ave., to W. T. Grange Constr. Co., Keenan Bldg. Archts. est. $1,500,000. Noted Nov. 25.

Pa., Pittsburgh—GARAGE and STORE—H. Hornbostel, archt., Hardy Hays Bldg., general contract 3 story and basement, 66 x 127 ft., brick, concrete and stone, 5th Ave., to Nicola Building Co., Penn and Denniston Aves., for Schenley Apartment Co., 5th Ave. and Bigelow Blvd. Archts. est. $150,000. Noted Feb. 17.

Pa., Pittsburgh—HOTEL—Webster Hall Corp., Webster Hall, 10 story and basement, 100 x 200 ft., brick and steel addition, 5th Ave., to Peter A Miller & Co., 600 Majestic Bldg., Detroit, Mich. Archts. est. $1,500,000.

Md., Baltimore—BANK—Parker, Thomas & Rice, archts., Union Trust Bldg., 5 story and basement, 100 x 125 ft., steel and stone, concrete pile foundation, Calvert and Lexington Sts., to G. A. Fuller Co., Munsey Bldg., Wash., D. C., for Federal Reserve Bank of Richmond, 9th and Franklin Sts., Richmond, Va. $1,000,000. Noted Feb. 17.

W. Va., Huntington — THEATER — Greater Huntington Theatre Corp., 6 story and basement, 45 x 100 ft., concrete, brick, steel and tile, 4th Ave., to Good Constr. Co., East St., Phila., Pa. Archts. est. $500,000.

Miss., Jackson—STATION—Illinois Central R.R. Co., 135 East 11th Pl., Chicago, Ill., A. F. Blaess, ch. engr., altering and constructing, 1 and 2 story, 214 x 303 ft. and second story section 72 x 94 ft., brick, steel and stone addition, here, to Ellington Miller Co., 417 South Dearborn St., Chicago. Engrs. est. $250,000. Noted Jan. 20.

O., Cleveland—BANK, STORE and OFFICE—Southwestern Savings & Loan Co., M. M. Childs, secy., 9901 Lorain Ave., 2 story and basement, 46 x 110 ft., brick, steel and concrete, West 98th St. and Lorain Ave., to H. R. Davis Co., 12201 Lorain Ave. Archts. est. $150,000. Noted Mar. 3.

Ind., Hammond—STORE and OFFICE—J. P. Bereolas, 530 Hohman St., general contract brick and steel store and office building, to M. A. Floyd Co., 343 Oak St., Minneapolis, Minn. Archts. est. $150,000. Noted Dec. 16.

Ind., Huntington—BANK—Citizens State Bank, general contract 2 story and basement, 40 x 111 ft., rein.-con., brick and steel bank, to W. R. Dunkin & Son, Flora St. Archts. est. $160,000. Noted Mar. 4.

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Buildings—Commercial (Continued)

Ind., Indianapolis — GARAGE — W. F. Kernodle, 51-55 South Jackson St., Frankfort, general contract 6 story and basement, 77 x 104 ft., rein.-con., brick and steel, Kentucky Ave. and Maryland St., here, to A. V. Stackhouse Constr. Co., 2611 Cornell St. Archts. est. $250,000. Noted Feb. 10.

Ind., Marion—STORE—Blumenthal Co., general contract 3 story and basement, 65 x 133 ft. brick, steel and terra cotta department store, to C. W. Barley, Marion. Archts. est. $150,000. Noted Feb. 24.

Ind., South Bend — HOSPITAL — Bd. Comrs. St. Joseph Co., at office C. Sedgwick, aud., general contract Healthwin Hospital, rein.-con., brick and steel, to Hay-Weaver Co., 127 East Sample St. Archts. est. $150,000. Noted Feb. 10.

Ill., Chicago — APARTMENT — B. E. Bogeans, (owner and carpenter), 1553 Carroll Ave., will build 7 story, 50 x 108 ft., brick, 610-12 Gary Pl.; masonry contract, to Rosenberger, Peterson & Leaf Co., 5153 North Clark St. Archts. est. $250,000.

Ill., Chicago—APARTMENT—J. Handelsman, 1125 Independence Ave., and D. Pinchewsky, 1447 South Springfield Ave. (owners and carpenters), will build 3 story, 100 x 125 ft., brick, 4200-4208 West Roosevelt Rd.; masonry contract to L. Kuklin, 3741 Sunnyside Ave. Archts. est. $200,000.

Ill., Chicago—APARTMENT—Koenigsberg & Weisfeld, archts., 155 North Clark St., carpentry and masonry contract 7 story, 50 x 127 ft., fireproof, 4536-38 Magnolia Ave., to Noble & Thumm, 1056 Addison St., for S. Clifford & Co., 4536-38 Magnolia St. Archts. est. $450,000. Noted Mar. 4.

Ill., Chicago — APARTMENTS — W. J. Wightman (owner and carpenter), 7847 Loomis St., masonry contract seven 3 story, 42 x 68 ft., brick, 9406-38 Laflin St., to C. A. Blommaert, 11232 Parnell Ave. Archts. est. $210,000.

Ill., Chicago—APARTMENT and STORE—F. W. Morrill, c/o L. F. Urbain, 1254 Lake Shore Dr., masonry contract 4 story and basement, 94 x 110 ft., brick and steel, 72nd St. and Exchange Ave., to E. Edlund, 1833 Greenleaf Ave. Archts. est. $185,000. Noted Feb. 17.

Ill., Chicago—GARAGE and SALES—C. W. and L. M. Johnson, 1335 North Clark St., general contract 3 story, (ultimately 5 story), 110 x 150 ft., fireproof, 1331-39 North Clark St., to G. A. Johnson & Sons, 1335 North Clark St. Archts. est. $200,000.

Ill., Chicago—HOTEL—Dorchester Hotel Syndicate, 11 story, 240 room, brick and stone hotel, incl. billiard and bowling rooms, etc., Dorchester Ave., to A. L. Salzman, 10 North Clark St. Archts. est. $1,000,000.

Ill., Chicago—HOTEL—University Building Corp., R 1515-25 East Jackson Blvd., general contract 5 story and basement, 55 x 135 ft., rein.-con., brick and stone, 5746-48 Blackstone Ave., to C. B. Johnson & Son, 306 South Wabash Ave. Archts. est. $200,000.

Ill., Chicago—LABOR TEMPLE—W. W. Ahlschlager, archt., 65 East Huron St., general contract 4 story and basement, 77 x 49 ft., rein.-con., brick and steel, Ashland Ave. and Van Buren St., to Paschen Bros., 111 West Washington St., for Amalgamated Clothing Workers, 409 South Halsted St. $750,000. Noted Feb. 3.

Ill, Chicago — THEATRE, STORE and OFFICE—Z. E. Smith, archt., 343 East Garfield Ave., general contract 3 story and basement, 114 x 125 ft., brick and terra cotta, 75th St. and Kingston Ave., to H. Johnson, 343 East Garfield Ave., and steel contract, to Hansel-Elcock Co., Archer and Normal Aves., for South Shore Theatre Building Corp., 6711 Stony Island Ave. Archts. est. $650,000. Noted Feb. 17.

Ill., Evanston — APARTMENT — V. C. Carlson, 636 Church St., masonry and carpentry contract 7 story and basement, 50 x 125 ft., 1017 Grove St., to V. C. C. Constr. Co., 636 Church St.

In., Cedar Rapids — THEATRE, STORE, etc—C. Bard, 5311 Bway., Indianapolis, Ind. 3 story and basement, 120 x 140 ft., rein.-con., brick, steel and terra cotta, 1st Ave., here, to O. F. Paulson, Grandby Bldg., Cedar Rapids. Archts. est. $500,000. Noted Jan. 13.

Mo., Kansas City — APARTMENT — G. W. Robinson, 937 Rialto Bldg., 3 story and basement, 114 x 130 ft., rein.-con., Paseo St., to Jewell Realty Co., 626 Chambers Bldg.

Mo., Kansas City—STORE and APARTMENT—J. Steinzerg, 31st St. and Troost Ave., general contract 1 and 2 story and part basement, 100 x 141 ft., rein.-con. and brick, 27th St. and Troost Ave., to Ferguson & Simonds, 410 Dwight Bldg. Archts. est. $150,000.

Tex., Beaumont — OFFICE — Goodhue Building Co., 11 story, 60 x 118 ft., rein.-con., brick and stone, Pearl and Crockett Sts., to Christy-Dolph Constr. Co., 806 Central Bank Bldg., Dallas. $600,000. Noted Dec. 9.

Tex., San Antonio — APARTMENT-HOTEL—C. E. Goree, general contract 6 story and basement, 20 x 140 ft., rein.-con. and brick, plain foundation, Woodlawn and Balknap Sts., to Carvel & Co., Frost Bldg., approximately $175,000. Noted Mar. 24.

Okla., Oklahoma City—APARTMENT—J. O. Parr, Cotton Exch. Bldg., 7 story and basement, 45 x 118 ft., rein.-con., brick and stone, 15th and Robinson Sts., to C. Dunning Constr. Co., 420½ Hudson St. Archts. est. $350,000.

Okla., Tulsa — OFFICE — McBirney Investment Co., c/o E. W. Siffel, archt., 407 Natl. Bank Bldg., 10 story and basement, 50 x 140 ft., rein.-con., brick, stone and terra cotta, to Long Constr. Co., 600 Rialto Bldg., Kansas City, Mo. Archts. est. $500,000. Noted Mar. 17

Colo., Denver — INFIRMARY — Jewish Consumptive Relief Society, 5810 West Colfax Ave., general contract womens infirmary, to F. J. Kirchhof, 700 Lawrence St. $160,000.

Calif., El Cerrito—MAUSOLEUM—W. A. Hubbert, archt., Room 808, 110 Sutter St., San Francisco, concrete and marble, Sunset View Cemetery, to Mahony Bros., 1328 14th Ave., San Francisco, for Sunset View Mausoleum Co., 1 Montgomery St., San Francisco. $300,000. Noted Jan. 27.

Calif., Los Angeles—APARTMENT—F. Harper, 3306 West 6th St., will build 3 story and basement, 112 x 221 ft., brick, Benton Blvd., by day labor. $275,000. Private plans.

Calif., Los Angeles — APARTMENT — P. M. Ruthfield Investment Co., 919 South Valencia St., 8 story and basement, 83 x 200 ft., rein.-con., 712-16 West 9th St., to Salih Bros., 1114 Quimby Bldg., $500,000.

Calif., Los Angeles—APARTMENT—F. M. Salih, et al, Detwiler Bldg., 8 story and basement, approximately 85 x 200 ft. rein.-con., West 9th St., to Salih Bros. Detwiler Bldg., approximately $500,000.

Calif., Los Angeles—BANK and OFFICE—Peoples Holding Co., c/o Walker & Eisen, archts., Western Pacific Bldg., 10 story and basement, 40 x 160 ft., rein.-con., South Hill St., to R. E. Milsap, Pacific Natl. Bank Bldg., approximately $425,500. Noted Feb. 3.

Calif., San Francisco—APARTMENT—T. Davis, c/o H. C. Baumann, archt., 251 Kearny St., will build 4 story and basement, rein.-con., Fulton St. near Fillmore St., by day labor and segregated contracts. $175,000.

Calif., San Francisco—APARTMENT—W. Props, 1801 California St., will build 5 story and basement, concrete, California St. near Franklin St., by day labor and sub-contracts. $175,000. H. C. Baumann, 251 Kearny St., archt.

Calif., San Francisco — HOTEL — D. J. Clancy, 424 Jones St., will build 6 story and basement, concrete, Ellis St. near Larkin St., by day labor and segregated contracts. $175,000. H. C. Baumann, 251 Kearny St., archt. Noted Mar. 3.

Calif., San Francisco—HOTEL—Y. M. C. A., Leavenworth St. and Golden Gate Ave., 15 story and basement, Turk St. near Leavenworth St., to K. E. Parker, 135 South Park St., $800,000. Noted Mar. 4, 1926.

Calif., Santa Monica—CLUB—Deauville Beach Club, Pacific Natl. Bank Bldg., Los Angeles, 3 story, 105 x 185 ft., brick, North Municipal Pier, to Edwards, Wildey & Dixon, Edwards, Wildey Bldg., Los Angeles. $400,000. Noted July 29.

Calif., Stockton—APARTMENT—F. S. Boggs, c/o J. Losekann, archt., Elks Bldg., will build 6 story and basement, steel and brick, Eldorado St. $200,000. Work will be done by separate contracts under architects supervision. Noted Feb. 10.

Ont., Toronto — OFFICE — Commercial Lands & Buildings, Ltd., c/o Campbell & Shepperd, Northern Ontario Bldg., general contract 12 story, basement and penthouse, 48 x 104 ft., rein.-con., brick and steel plain foundation, Bay and Albert Sts., to J. V. Gray Constr. Co., Ltd., 541 Queen St. E. Archts. est. $500,000. Noted Feb. 24.

Ont., Windsor—OFFICE—Securities Development, Ltd., 73 Pitt St. W., general contract 10 story and basement, rein.-con., brick and steel, plain foundation, London and Pelessier Sts., to S. E. Dinsmore Co., Ltd., Park Bldg. Archts. est. $300,000. Noted Mar. 3.

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Buildings—Industrial

Proposed Work

N. H., Nashua—GARAGE and REPAIR SHOP—City, P. D. Sargent, mayor, having plans prepared by S. Belanger & Son, 307 Main St., 1 story, 60 x 200 ft., with 55 x 60 ft. ell, brick, concrete foundation, Dearborn St. To exceed $40,000.

Vt., St. Johnsbury—FACTORY—Martin-Gaulin Mfg. Co., J. W. Davis, pres., 11 Elkins St., South Boston, Mass., plans brick, Portland St., here. $40,000 or more. Engineer and arcnitect not selected.

Mass., Brockton—REPAIR and SERVICE GARAGE—City Hall Sq. Garage Co., East Elm St., having plans prepared by F. A. Norcross, 46 Cornhill, Boston, 2 story, 27,000 sq.ft. floor space, brick, steel and stone, plain foundation. $100,000.

Mass., East Boston (sta. Boston)—MACHINE SHOP—Atlantic Wks., 80 Border St., plans brick and steel addition. $40,000 or more. Engineer and architect not selected.

Mass., Everett (br. Boston)—MANUFACTURING—Everett Factories Corp., C. A. Hayes, in charge, 210 Bway., having preliminary plans prepared 4 story, 50,000 sq.ft. floor space, brick and steel, plain foundation, Revere Beach Parkway. $65,000. Private plans.

Mass., Haverhill—SWITCH HOUSE—Haverhill Electric Co., 121 Merrimack St., had plans prepared by C. Tenney & Co., 200 Devonshire St., Boston, 2 story, 30 x 112 ft., rein.-con., brick and steel addition. To exceed $40,000.

Mass., Lynn—TIRE SHOP and SHOW ROOM—Essex Tire & Supply Co., 118-120 Central Ave., having plans prepared by G. A. Cornet, 10 Central Ave., 2 story and basement, 60 x 90 ft., brick, plain foundation, Central Ave. $40,000.

Mass., Lynn — REPAIR and SERVICE GARAGE—Gallant Motor Co., 319 Essex St., having plans prepared by G. A. Cornet, 10 Central Ave., 1 story, rein.-con., plain foundation, Essex St. $50,000.

Mass., Wakefield—REPAIR and SERVICE GARAGE—A. G. Walton & Co., Hearc St., Chelsea, plans 1 story, rein.-con., Mechanic St. $40,000 or more. Engineer and architect not selected.

R. I., Pawtucket—BAKERY—New England Bakery Co., J. Collier, pres., soon takes bids rein.-con., brick and steel, Geneva Dartmouth Sts. $250,000. McCormick & Co., 49 Park Pl., New York City, archts.

Conn., Hartford—PLANT—Spencer Turbine Co., 484 New Park Ave., I. Spencer, pres., having plans prepared 1 story, 75 x 210 ft., rein.-con., brick and steel addition. To exceed $40,000. Private plans.

Conn., New Haven—POWER PLANT—United Illuminating Co., 84 Temple St., having plans prepared by Westcott & Mapes, 139 Orange St., rein.-con., brick and steel addition, incl. 7,500 kw. generator and two 12,500 kw. turbine generator. $3,000,000.

N. Y., Albany—GARAGE and SERVICE STATION—Capitol Dist. Transportation Corp. (subsidiary United Traction Co., 598 Bway.), plans brick and steel garage, Erie and Champlain Sts. $110,000.

N. Y., Binghamton—PLANT—General Cigar Co., 119 West 40th St., New York City, plans rein.-con., brick and steel, plain foundation, here. $600,000. Private plans.

N. Y., Glens Falls—HYDRAULIC GENERATING STATION—Union Bag & Paper Co., 233 Bway., New York City, plans 50,000 hp. hydro-electric generating station, here. $2,000,000. Private plans.

Pa., Pittsburgh — SWITCH HOUSE — Duquesne Light Co., 435 6th Ave., having plans prepared 5 story, 41 x 72 x 182 ft., concrete and steel switchhouse, Brunots Island. $900,000. Private plans.

N. Y., Yonkers—MACHINE SHOP—Otis Elevator Co., 11th Ave. and 26th St., New York City, plans rein.-con., brick and steel, plain foundation. $50,000. Private plans.

Md., Baltimore—SERVICE STATION—Robbins-Buick, Inc., Greenmount Ave. near 25th St., postponed construction 2 story, 61 x 88 ft., brick and steel, plain foundation, Greenmount Ave. near 25th St. $40,000. Noted Dec. 2.

La., Sterlington (mail Ouachita) — POWER PLANT — Louisiana Power & Light Co. making plans extending to 200,000 hp. plant on Ouachita River, here. Ford, Bacon & Davis, Inc., 115 Bway., New York City, engr.

Buildings—Industrial (Continued)

Tenn., Morristown—FACTORY—Citizens, c/o Chamber Commerce, raising $200,000 funds, factory for manufacturing sweaters.

Tenn., Nashville—PACKING PLANT—Jacobs Bros. Packing Co., 1321 Adams St., W. F. Jacobs, pres., purchased site and plans concrete and steel, Adams St. To exceed $50,000.

Tenn., Yale—ROUND HOUSE, SHOPS, etc.—St. Louis-San Francisco R.R. Co., Frisco Bldg., St. Louis, Mo., F. G. Jonah, ch. engr., plans round house, shops, turntables, car building plants, etc., here. $635,000.

O., Berea—BANK and OFFICE—Commercial Savings Bank, c/o J. N. Bagley, archt., 1706 Euclid Ave., Cleveland, had plans prepared 5 story and basement, 50 x 65 ft., brick, steel and concrete bank and office building. $150,000.

O., New Lexington—REPAIR GARAGE—White Motor Co. plans 2 story and basement, 64 x 85 ft., brick and concrete, Brown St. $40,000.

Ind., Bloomington — MACHINE SHOP and GARAGE — Bunger Bros., having preliminary plans prepared brick machine shop and garage. $40,000. Private plans.

Ind., Ft. Wayne — PLANT — Journal-Gazette having plans prepared by C. R. Weatherhogg, 250 West Wayne St., and soon lets contract brick and steel plant, $75,000.

Ind., Ft. Wayne—REPAIR SHOP and GARAGE—Dewey-Diehm Co., 3234 Lafayette St., having plans prepared 1 story and basement, 55 x 70 ft., brick and steel repair shop and garage. $45,000. Private plans.

Ind., Hammond — SUPPLY — Laughlin-Mill Supply Co., 163 Michigan St., having plans prepared by J. T. Hutton, Hammond Bldg., 3 story and basement, 55 x 91 ft., brick and steel supply building. $50,000.

Ind., Mishawaka—SERVICE, MACHINE SHOP and GARAGE—De Rhodes Yerrick Motor Co., having plans prepared by W. W. Schneider, 120 South Main St., South Bend, 1 story and basement, 66 x 133 ft., brick and steel service, machine shop and garage. $50,000.

Ind., Indianapolis — APARTMENT — Edgewood Villa, 3610 North Pennsylvania St., had plans prepared 131 x 200 ft., brick and stone apartment. $200,000. Private plans.

Mich., Flint — EXCHANGE — Michigan Bell Telephone Co., Cass Ave., Detroit, having plans prepared by Smith, Hinchman & Grylls, 800 Marquette Bldg., Detroit, 3 story and basement, 91 x 154 ft., rein.-con., brick and steel, plain foundation, Beach and West 1st Sts.

Mich., Midland—MILK CONDENSORY and POWER PLANT—Detroit Creamery, Grand River and Cass Aves., having plans prepared by A. Kahn, 1,000 Marquette Bldg., Detroit, 1 and 2 story, rein.-con., brick and steel, plain foundation, $200,000.

Ill., Rockford—PUMP MANUFACTURING PLANT—G. D. Roper Corp., South Main St., soon takes bids 1 story, 170 x 170 ft., and 1 story, 38 x 80 ft., rein.-con. and brick plant. $200,000. Private plans.

Wis., Antigo — KILN — Vulcan Last Co. plans rein.-con., brick and steel dry kiln, plain foundation, here. $50,000. Engineer and architect not selected.

Wis., Burlington — STATION — Hanson Oil Co., having plans prepared by Foeller & Schober, 225 North Adams St., Green Bay, 1 story, 28 x 56 ft., rein.-con. and brick service station, here. $40,000.

Wis., DePere — MILL — Nicolett Paper Co., H. C. Hanke, mgr., plans 4 story paper mill unit, rein.-con., brick and steel, plain foundation. $40,000. Engineer and architect not selected.

Wis., Galesville — SERVICE STATION and SHOP—G. Rall Mfg. Co. plans 1 story, 50 x 60 ft., rein.-con., brick and steel, plain foundation. $40,000. Engineer and architect not selected.

Wis., Mazomanie—SERVICE STATION—City Garage, M. Bohn, plans 2 story rein.-con., brick and steel, plain foundation, Main St. $40,000. Engineer and architect not selected.

Wis., Richland Center — FACTORY — Southwestern Veneer & Box Co., R. C. Burnham, pres., plans 1 story and basement, 100 x 140 ft. box factory, rein.-con., brick and steel, plain foundation. $40,000. Engineer and architect not selected.

Ia., Sheldon — POWER PLANT — City plans election soon $90,000 bonds, power plant.

Neb., Fremont—ICE CREAM PLANT—Real Ice Cream Co., H. M. Mandroth, mgr., 640 North Park Ave., takes bids in June or July 1 story and basement, 66 x 105 ft. rein.-con. and brick, Military Ave. $50,000 up. Private plans.

Tex., Borger (Plemon P. O.)—PLANT—Western Carbon Co. (subsidiary of Columbian Carbon Co., 45 East 42nd St., New York City), making plans 3 unit carbon black plant, here. $100,000. Private plans.

Tex., Crowell — HYDRO - ELECTRIC PLANT—H. E. Ferguson plans hydro-electrcl plant, near here. $100,000. Private plans.

Tex., El Paso—POWER HOUSE, etc.—El Paso Electric Co., c/o T. P. Walker, mgr. making plans enlarging power house, 2 high pressure boilers, coal handling equipment, etc. $1,000,000 fund voted by Board. Private plans.

Tex., Hemphill—ICE PLANT—W. J. McKnight, et al., San Augustine, having preliminary plans prepared 40 ton capacity ice plant, brick, steel and rein.-con. $50,000.

Tex., Midland—LIGHT PLANT and ICE FACTORY—Morgan Utilities Co., Inc., c/o L. F. Troxel, A.O.U.W. Bldg., Little Rock, Ark., will not construct light plant and ice factory, here. $200,000. Project abandoned indefinitely. Noted Dec. 23.

Tex., Mt. Vernon — COLD STORAGE PLANT — East Texas Pub. Serv. Co., Marshall, plans cold storage plant, brick, rein.-con. and steel, here. $40,000 incl. equipment. J. Carpenter, Marshall, archt.

Tex., Nixon — POWER and LIGHT PLANT—T. A. Closlitzer, New Braunfels, making surveys, etc. improving power and light plant (recently purchased), here. $60,000. Private plans.

Okla., Purcell—LIGHT PLANT—City had preliminary plans prepared new 500 hp. diesel engine and generator electric light plant. $60,000. R. W. Calloway, Purcell, engr.

Okla., Tulsa—BANK and OFFICE—Exchange Trust Co., 14 East 3rd St., having sketches made by Weary & Alford, 1923 Calumet Ave., Chicago, Ill., 21 story and basement, 60 x 135 ft., and ell of 5 stories in rear.

Ore., Medford—CANNERY—Ray-Maling Co., Hillsboro, plans fruit cannery, here. To exceed $200,000.

Calif., Los Angeles—HOTEL—Blackstone Hotel Co., South Michigan Bldg., Chicago, Ill., having preliminary plans prepared by Kenneth MacDonald, Jr., Spring Arcade Bldg., 12 story, rein.-con., on 100 x 163 ft. site, 9th St. and Bway. To exceed $150,000.

Calif., San Francisco—FACTORY—G. E. Bennett Co., 291 10th St., had plans prepared 1 story (ultimate 3 story), 30 x 95 ft., concrete, Folsom and 10th Sts. L. H. Nishkian, Underwood Bldg., engr.

Calif., Santa Cruz—PLANT—Union Ice Co., 354 Pine St., San Francisco, plans 1 story, 45 x 65 ft., rein.-con., 20 tons daily capacity, Laurel St. $60,000.

Que., Three Rivers—MILLS—Wabasso Cotton Mills having plans prepared by T. Pringle & Son, 20 St. Nicholas St., Montreal, 4 story, 100 x 100 ft. mills, St. Maurice St. $500,000.

Ont., Port Arthur—PLANT—Port Arthur Ship Building Co. plans 1 story, concrete, brick and steel plant. $300,000. Private plans.

Calif., San Jose—PUBLISHING PLANT—Mercury-Herald had plans prepared by Binder & Curtis, 35 West San Carlos Ave., 4 story and basement, newspaper publishing plant, rein.-con., Santa Clara St. near 1st St. $150,000.

Ont., Sarnia—PLANT—Sarnia Brewing Co. plans extending plant, and installing new equipment, bottling apparatus, and cooling vats. $5,000.

Ont., Toronto—FACTORY—T. Eaton Co. Ltd., 190 Yonge St., plans rein.-con., brick and steel factory and manufacturing plant, plain foundation, here or vicinity. $3,000,000. Engineer and architect not selected.

Ont., Toronto—PAPERBOARD MILL—Canadian Paperboard Co., 2 Seigneurs St., Montreal, Que., having plans prepared by Kerry & Chace Ltd., Confederation Life Bldg., 1 and 2 story paperboard mill, rein.-con., brick and steel, plain foundation. $300,000.

Bids Desired

N. H., Manchester—REPAIR and SERVICE GARAGE—A. L. Gadboro, c/o N. H. Auto Co., 1631 Elm St., taking bids 2 story, 60 x 100 ft., brick, plain foundation. $50,000. J. N. Guertin, Beach St., archt.

Mass., Arlington—COMPRESSOR ROOM and BOILER HOUSE — Arlington Gas Light Co., 689 Massachusetts Ave., taking bids brick and steel, plain foundation, Grove St. $40,000. Private plans.

Mass., Cambridge (Boston P. O.) FACTORY—Owner, c/o C. Neillson, 27 Western Ave., taking bids 4 story, 50 x 50 x 70 ft. brick, plain foundation, Dickinson St. $40,000. Private plans. Noted Mar. 10.

Mass., Canton — POWER STATION — Edison Electric Illuminating Co., 39 Boylston St., Boston, taking bids 1 story brick and steel addition to Power Station 47 Revere St. $40,000. Private plans.

Mass., Chicopee — GARAGE, REPAIR SHOP and OFFICE — City, Municipal Light Bd., taking bids 3 story and basement, 60 x 60 ft., rein.-con., brick and steel, plain foundation, Front St. $85,000. H. J. Tessier, 1132 Main St., Springfield, archt.

Mass., Framingham — REPAIR and SERVICE GARAGE—Butler Motor Corp. 46 Kendall St., taking bids 1 story, 55 x 100 ft., rein.-con. addition, plain foundation. $40,000. E. R. Haberstrok, 102 Irving St., archt.

Mass., Haverhill — SWITCHBOARD — Haverhill Electric Co., 121 Merrimack St. taking bids 2 story, brick and steel addition, plain foundation. $40,000. C. H Tenney & Co., 200 Devonshire St., Boston engrs. Noted Dec. 30.

Mass., Quincy (Boston P. O.) — MILK PLANT—White Bros., A. White, in charge, 86 Brooks St., taking bids 2 story, 65 x 75 ft., rein.-con. and brick, plain foundation, Norfolk Downs Sect. $40,000. W. E. Luke, 43 Lurton St., archt.

Conn., Bridgeport — FACTORY — See "Contracts Awarded."

Conn., Fairfield—PLANT—Mar. 25, by Fletcher-Thompson, Inc., archts., 542 Fairfield Ave., Bridgeport, 5 story, 80 x 200 ft., brick, steel and concrete plant, also 60 x 90 ft. boiler plant, here, for McKesson & Robbins, Inc., Grassmere Ave. $200,000.

N. J., Camden—FACTORY—Mar. 25, by L. B. Rothschild, archt., 215 South Broad St., Phila., Pa., 5 story and basement, rein.-con., brick and steel, plain foundation, 9th and Liberty Sts., here, for Congress Cigar Co., 3rd and Spruce Sts., Phila., Pa

Pa., Coraopolis—MANUFACTURING See "Contracts Awarded."

Pa., Phila.—FACTORY—Mar. 28, by Ballinger Co., archts., 12th and Chestnut Sts., 1 story, 80 x 30 2ft., rein.-con. and brick, plain foundation, Gaul and Tioga Sts., for Phila. Wool Scouring & Carbonizing Co., Trenton and Somerset Sts.

Pa., Perkasie—SILK MILL—See "Contracts Awarded."

Pa., Pittsburgh — CANDY FACTORY — Clark Bros. Co., taking bids 5 story and basement, 78 x 80 ft., concrete, brick and steel addition, Martindale St. $100,000. P. Dietz, Lyceum Bldg., engr.

O., Columbus—FACTORY—Mar. 31, by Columbus Heating & Ventilating Co., 425 West Town St., 2 story and basement, 60 x 100 ft., brick and concrete addition.

Ill., Chicago—FACTORY—C. W. Lampe & Co., archts., 155 North Clark St., taking bids 4 story and basement, 100 x 119 ft., rein.-con. and brick, Ravenswood Ave. and Bryn Mawr Ave., for Halsey Bros. Co., 645 St. Clair St. $100,000.

Minnesota — MAINTENANCE—Mar. 29, by Dept. Administration & Finance, St. Paul, brick maintenance buildings, one at Duluth, Crookston, Morris and Willmar, for State Hy. Dept., 1246 University Ave., St. Paul.

Minn., St. Paul — WAREHOUSE and TERMINAL — Mar. 29, by Murphy Transfer & Storage Co., E. L. Murphy, pres., 175 East 8th St., 5 story and basement, rein.-con. and brick, Bway. between 9th and 10th Sts. $200,000. Lang, Raugland & Lewis, 412 Essex Bldg., Minneapolis, archts.

Tex., Cementville (mail San Antonio)—WAREHOUSE, etc.—Mar. 29, by San Antonio Portland Cement Co., Lakeview Ave., San Antonio, 2 story, 78 x 200 ft., concrete and steel warehouse and clinker shed, here. $75,000. W. E. Simpson, Natl. Bank of Commerce Bldg., San Antonio, engr.

Tex., Harlingen—COTTON MILL—P. M. Keller and associates, taking bids and open same about Mar. 25, 1 or 2 story cotton mill, 5,000 spindle capacity, brick and stone, $250,000. Private plans.

Tex., Laredo—REFINERY—Motor Fuel & Products Co., c/o G. A. Camphuis, mgr., taking bids refinery. $150,000. Private plans.

Tex., Wichita Falls—GARAGE—E. H. Blanton taking bids 2 story, 50 x 150 ft., rein.-con. garage. $45,000. W. F. Roberts, 710½ Indiana Ave., archt.

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Buildings—Industrial (Continued)

Okla., Tulsa—SHOP and OFFICE—C. E. Camp, 221 East Archer St., taking bids 2 story, 50 x 160 ft., and 50 x 180 ft., rein.-con., brick and stone, Sand Springs Rd Rush, Endicott & Rush, 404 New Wright Bldg., archts.

Ore., Woodburn—FRUIT CANNERY—Apr. 1, by Ray-Brown Co., Sherlock Bldg., Portland, 2 story, 95 x 540 ft., concrete cannery, here. To exceed $175,000. E. Bidwell, Corbett Bldg., Portland, archt.

Calif., Long Beach — ABSORPTION PLANT—See "Contracts Awarded."

Bids Received

Pa., Phila.—SUB-STATION—Dept. City Transit, H. E. Ehlers, dir., 1211 Chestnut St., Mar. 15, Sub-Station 6, 1 story and basement, 50 x 103 x 112 ft., concrete, cut stone, steel and brick, plain foundation, Mt. Vernon and Lemon Sts., for housing synchronous converters, vaux apparatus for furnishing power for Broad Street Sub-Way, Contr. 147, from Curtis-Ginrod Co., 10 South 18th St., $185,700. Noted Mar. 10.

Contracts Awarded

Mass., Boston—REPAIR and SALES—F. J. Van Etten Co. (contractors), 100 Boylston St., will build 1 story, 55 x 145 ft., brick and steel, plain foundation Archts. est. $45,000. Owner's name withheld. Michelin Tire Co., 901 Boylston St. Boston, lessee.

Mass., Boston — POWER STATION — Edison Electric Illuminating Co., 70 State St., 2 story and basement, rein.-con. and steel, Arch and Hawley Sts., to F. T. Ley, 230 Boylston St. Archts. est. to exceed $40,000. Noted Mar. 3.

Mass., Cambridge (Boston P. O.)—MANUFACTURING — Boston Machine Screw Co., Tudor St., 2 story, brick addition, to S. S. Sperry Co., Kendall Sq. Bldg. Archts. est. $40,000 or more.

Mass., Cambridge (Boston P. O.)—REPAIR and SERVICE GARAGE—M. H. Gulesian, c/o Funk & Wilcox, archts., 26 Pemberton Sq., Boston, 2 story, 12,000 sq.ft. floor space, rein.-con. and brick, plain foundation, Green St., here, to Marden & Orlando, 143 River Rd., Winthrop. Archts. est. $60,000. Demer Motor Vehicle Co., Cambridge, lessee. Noted Feb. 24.

R. I., Providence—MACHINE SHOP—H. L. Scott Co., 101 Blackstone St., 2 story and basement, 50 x 70 ft., brick, to A. F. Smiley, Oak Hall Bldg. Noted Mar. 10.

Conn., Bridgeport — FACTORY — Crane Co., South Ave., will build 1 story, 60 x 340 ft., rein.-con., brick and steel, South Ave., by day labor; steel work, to Berlin Constr. Co., Berlin. Archts. est. to exceed $40,000. W. J. Clark, Chicago, Ill., archts.

Conn., New Britain—GENERATOR and BLOWER—New Britain Gas Light Co., 23 West Main St., 1 and 2 story, 20 x 37 ft., and 37 x 60 ft., rein.-con. and brick, to Record & Johnson, 122 Main St. Archts. est. $40,000. Noted Feb. 17.

Conn., Norwalk—FACTORY—Streb Fur Cutting Co., Railroad Pl., 1 story, rein.-con. and steel top addition, to Hewlett Co., 884 Main St., Bridgeport. Archts. est. $50,000. Noted Mar. 3.

N. Y., Buffalo—CRACKER BAKERY—Natl. Biscuit Co., 240 Fougeron St., 7 story, steel and concrete bakery, to John W. Cowper Co., Inc., Fidelity Bldg. Archts. est. approximately $700,000. Also 1,600 tons steel, to Amer. Bridge Co., 30 Church St., New York City.

N. J., Kearny—PLANT—Lacquer Mfg. Co., Kearny, group rein.-con., brick and steel buildings, plain foundations, to White Constr. Co., Inc., 95 Madison Ave., New York City, N. Y. Archts. est $200,000.

N. J., New Brunswick—CLOTHING FACTORY—Brunswick Co., Remsen Ave., rebuilding plant and constructing addition, to I. Casara, New Brunswick. $200,000.

N. J., Union City—MILK DISTRIBUTING PLANT—Bordens Farm Products Co., 315 Bway., general contract altering and constructing 50 x 100 ft., rein.-con., brick and steel addition, plain foundation, 315 Bway., to A. W. Crane & Sons, 338 Palisade Ave., Jersey City. $125,000.

Pa., Bloomburg — BOILER HOUSE — Magee Carpet Co., 2 story, 60 x 100 ft., brick, steel and concrete boiler house, to Dresser Co., Arcade Bldg., Cleveland, O. Archts. est. $75,000.

Pa., Coraopolis — MANUFACTURING — Standard Steel Spring Co. will build 1 story, 75 x 240 ft., and 120 x 240 ft., brick and steel manufacturing buildings. $150,000. Work will be done by separate contracts. J. M. Schoonmaker, c/o owner, engr. Noted Feb. 17.

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Pa., Perkasie—SILK MILL—Perkasie Industrial Co. will build 1 story and basement, 65 x 120 ft., rein.-con. and brick, plain foundation. A. O. Martin, Doylestown, archt. Work will be done by separate contracts.

Pa., Phila. — MANUFACTURING — Imperial Type Metal Co., W. Yearger, pres., 1226 North Howard St., 1 story, mezzanine and basement, 41 x 90 ft., rein.-con., brick and steel, plain foundation, Aramingo and Ontario Sts., to Roberts & Roller, 1760 Walnut St.

Pa., Phila.—GARAGE and SERVICE—Associated Realty Co., 1600 Walnut St., general contract 4 story and basement, 30 x 36 ft., 60 x 86 ft., and 50 x 90 ft., rein.-con. and brick, plain foundation, 13th and Waverly Sts., to Barclay White Co., 1713 Sansom St.

Pa., Phila.—WAREHOUSE—Container Corp. of America, Nixon and Fountain Sts., 1 story and basement, 50 x 480 ft., rein.-con. and brick warehouse, to Schaffer & Co., 1600 Walnut St.

Pa., Phila.—DYE HOUSE—Horace Linton & Bro., 308 Ruth St., 1 story, 58 x 145 ft., rein.-con., brick and steel, plain foundation, here, to W. Ward Easby, 1505 Race St.

Pa., Pittsburgh—BOX FACTORY—Keystone Box Co., 29th and Smallman Sts., general contract 4 story, 50 x 100 ft., brick and steel top addition, 28th and Smallman Sts., to A. F. Gailey, 6468 Frankstown Ave. Archts. est. $40,000.

Md., Baltimore—SERVICE—Neill Buick Co., Maryland and Mt. Royal Aves., 3 story, irregular shaped, rein.-con., brick and steel, plain foundation, Sisson and 26th Sts., to M. A. Long Co., 10 West Chase St., $100,000. Noted Feb. 10.

O., Cleveland — STORAGE WAREHOUSE—Bowne Fuller Co., R. Fuller, vice-pres., 1952 Scranton Rd., structural steel for 4 story, 150 x 460 ft., 8110 Aetna Rd., to Forest City Structural Steel Co., 1500 West 112th St. Archts. est. $150,000. Private plans.

Ind., Indianapolis—MACHINE SHOP and GARAGE—Thornburg & Lewis Co., 3839 East Washington St., general contract 2 story, 80 x 180 ft., rein.-con., brick and steel machine shop and garage, to Brown & Mick, 226 East Michigan St. Archts. est. $50,000. Noted Feb. 17.

Mich., Flint — WAREHOUSE — A. C. Spark Plug Co., 1 story, 100 x 420 ft., rein.-con., brick and steel, plain foundation, to W. E. Wood Co., 1805 Ford Bldg., Detroit. Archts. est. $150,000.

Mich., River Rouge (br. Detroit)—SERVICE and GARAGE—Detroit City Gas Co., Clifford St., Detroit, 1 story, 50 x 68 ft., and 57 x 115 ft., rein.-con., brick and steel, plain foundation, Allen Rd., here, to Hazelton Clark Co., 1359 Book Bldg., Detroit. Archts. est. $50,000.

Ill., Chicago—FACTORY and OFFICE—Clarke Sanding Machine Co., 1215 Maplewood Ave., masonry contract 1 and 2 story, 43 x 125 ft., and 100 x 110 ft., Cortland St., to G. Kebehus, 1225 North Maplewood Ave.; and carpentry contract, to N. Nelson, 6642 North Leavitt St. Archts. est. $40,000.

Ill., Chicago—WAREHOUSE, SERVICE STATION, STORE, etc. — Philadelphia Storage Battery Co., 1621 South Michigan Ave., Chicago, and Ontario and C Sts., Phila., Pa., general contract 1 and 2 story, 140 x 175 ft., rein.-con. and brick, Turener Ave. and West 47th St., to E. W. Sprowl Constr. Co., 310 South Michigan Ave. Archts. est. $150,000.

Wis., Green Bay—PLANT—Barkhusen Oil Co., Mather St., 2 story, 60 x 85 ft., rein.-con., brick and steel, plain foundation, to H. J. Selmer Co., McCartney Bldg. Archts. est. $40,000.

Wis., Madison—SERVICE STATION and SHOP—Central Garage Co., Webster St., will build 4 story, 60 x 150 ft., rein.-con., brick and steel, plain foundation, Webster St., by day labor. $40,000. Claude & Starck, Badger Annex, Madison, archts.

Ia., Ames — MEMORIAL — Proudfoot, Rawson & Souers, archts., 810 Hubbell Bldg., Des Moines, 4 story and basement, 184 x 196 ft., rein.-con., stone and steel, plain foundation, on campus Iowa State Agricultural College, to A. H. Neumann & Co., 519 Hubbell Bldg., $542,892, for Memorial Union Alumni Hall. Noted Jan. 27.

N. D., Fargo—BAKERY—Regan Bros. Co., 7th Ave. and North 5th St., Minneapolis, Minn., general contract 2 story and basement, rein.-con. and brick, 13th St. N. near Great Northern Ry. tracks, to Stahr-Burgum Co., 401 Metropolitan Bank Bldg., Minneapolis, Minn. Archts. total est. approximately $200,000.

Mo., St. Louis—ICE CREAM FACTORY—St. Louis Dairy Co., 2000 Pine St., altering rein.-con. and brick, 2008-16 Pine St., to Fruin-Colnon Contg. Co., 502 Merchants Laclede Bldg. Archts. est. $50,000.

Calif., Long Beach — ABSORPTION PLANT — Pan-Amer. Petroleum Co., Petroleum Securities Bldg., Los Angeles, will build absorption plant, Colorado St., here, by day labor. To exceed $75,000. Private plans.

Que., Three Rivers—PLANT—Canada Iron Foundries, plant, to Page Constr. Co. Ltd., Three Rivers. Engrs. est. $200,000. Noted Feb. 10.

Ont., Kitchener — FACTORY — Mitchell Button Co., Victoria St., W. E. Mitchell pres., new factory, to Ball Bros., Kitchener. Archts. est. $50,000.

Buildings — Educational Religious

Proposed Work

N. H., Berlin — SCHOOL — Bd. Educ. having plans prepared by Wells & Hudson, Main St., Hanover, 2 and 3 story, basement, and wing, brick and stone, plain foundation. $150,000.

N. H., Nashua—CHURCH—First Church Christ Scientist, c/o W. M. Butterfield, archt., 801 Beal St., having revised plans prepared 1 story and basement, brick and stone, plain foundation. $150,000.

Vt., Middlebury—LIBRARY—Middlebury College, J. A. Fletcher, takes bids about Apr. 1, 1 and 2 story and basement, and 2 wings, steel, brick and marble addition York & Sawyer, 100 East 42nd St., New York City, archts. Noted Jan. 27.

Vt., Rutland — CHURCH — Church of Holy Innocents, B. Kelly pastor, having sketches made by Maginnis & Walsh, 100 Boylston St., Boston, Mass., Church. To exceed $150,000.

Vt., Rutland—NURSES HOME—Rutland Hospital, c/o A. H. Smith, archt., Gryphon Bldg., having revised plans prepared 3 story and basement nurses home, plain foundation. To exceed $150,000.

Mass., Braintree — SCHOOL — Thayer Academy, S. B. Southworth, master, plans 2 story and basement, brick addition. $150,000. Engineer and architect not selected.

Mass., Cambridge (Boston P. O.) — SCHOOL, etc.—Manter Hill School, Inc., Holyoke St., having revised plans prepared by C. H. Way, 6 Beacon St., Boston, 3 story and basement, brick and limestone, plain foundation, Holyoke and Mt. Auburn Sts. $150,000 or more. Former bids rejected. Noted Nov. 18.

Mass., Chicopee—SCHOOL—City, M. I. Shea, mayor, plans new school. $200,000. Engineer and architect not selected.

Mass., Falmouth—SCHOOL—Town, Supt. Schools, having plans prepared by Haynes & Mason, Park Bldg., Fitchburg, Teaticket School, 2 story and basement, brick, plain foundation. $150,000.

Mass., Great Barrington—HIGH SCHOOL Town, c/o J. D. Leland Co., archts., Statler Bldg., Boston, having sketches made Junior High School, Bridge and School Sts. $150,000 or more.

Mass., Hopedale — HIGH SCHOOL — Town, School Bd. plans new high school. $113,000 appropriated. Engineer and architect not selected.

Mass., Melrose (Ind. br. Boston)—HIGH SCHOOL—City, A. H. Tibbets, mayor, plans Junior High School, 2 story and basement. $350,000. Engineer and architect not selected.

Mass., Newton Center (Ind. br. Boston) —LIBRARY—City of Newton, A. O. Fulton, chn. com., Hancock Ave., takes bids about Apr. 1, 1 story and basement, irregular shaped, brick and limestone, plain foundation, 1294 Centre St., here. $150,000. Ritchie, Parsons & Taylor, 15 Ashburton Pl., Boston, archts.

Mass., North Cambridge (mail Cambridge br. Boston)—VOCATIONAL SHOP, etc.—North Cambridge Community Church, S. O. Weems, pastor, 28 Hubbard Ave. raising $50,000 funds, 2 story and basement, brick vocational shop, church and hall. Robb & Little, 140 Boylston St., Boston, archts.

Mass., Quincy (Boston P. O.) — HIGH SCHOOL—City, Pub. Building Dept., City Dept., City Hall, having tentative plans prepared Junior High School. $300,000. Engineer and architect not selected.

Buildings—Educational, Religious (Cont.)

Mass., Revere — HIGH SCHOOL — City, Schoolhouse Dept., plans 2 story and basement, brick and stone, addition to James Garfield Junior High School. $150,000. Engineer and architect not selected.

Mass., Springfield—HIGH SCHOOLS—City, Z. E. Scott, supt. schools, plans 2 Junior High Schools, Van Horn and Morris Ballliet Dists. To exceed $150,000. Engineer and architect not selected.

Mass., Springfield — HIGH SCHOOL — City, Pub. Buildings Dept., having plans prepared by B. H. Seabury Co., 21 Besse Pl., for Buckingham School addition. $150,000 or more.

Conn., Hartford—SCHOOL—City, South Dist. School Com., having plans prepared by Whiton & McMahon, 805 Main St., 3 story, brick and steel, Franklin St. $500,000. Noted Feb. 3.

Conn., New Britain—SCHOOL—City—J. M. Hallroan, chn., soon take bids 2 story and basement, brick and steel, incl. gymnasium, plain foundation, Clinton St. $200,000. Warren-Holmes-Powers Co., 64 West Randolph St., Chicago, Ill., archts. Noted Jan. 20.

Conn., New Haven — MEDICAL — Bd. Trustees Yale College, having plans prepared by H. L. Pelton, 415 Lexington Ave., New York City, medical group. To exceed $150,000.

Conn., Thompsonville — CHURCH — St. Adalberts Parish, F. Kiewic, pastor, having plans prepared by L. A. Walsh, 51 Leavenworth St., Waterbury, 1 story, tower and basement, 50 x 120 ft., brick and stone church. $150,000.

N. Y., Alexandria — HIGH SCHOOL — Bd. Educ. soon lets contract brick, steel and stone, plain foundation, here. Tooker & Marsh, 101 Park Ave., New York City, archts. Noted Dec. 2.

N. Y., Ithaca—COLLEGE—Cornell University having plans prepared by York & Sawyer, 100 East 42nd St., New York City, 2 story and basement, 50 x 100 ft. college on campus. $150,000.

N. Y., Ithaca — GYMNASIUM — Cornell University having sketches made by F. L. Ackerman, 19 West 44th St., New York City, gymnasium on campus, here.

N. Y., Springfield (Jamaica P. O.) — SCHOOL—Bd. Educ., 500 Park Ave., New York City, having plans prepared by W. H. Gompert, engr. and archt., Flatbush Ave. extension and Concord St., Brooklyn, P. S. 37, brick, steel and stone, plain foundation, Belknap St. and 137th Ave., here. $450,000.

N. J., Bridgeton—HIGH SCHOOL—Bd. Educ., S. C. Johnson, mayor, plans high school. $260,000. Engineer and architect not selected.

La., Winnfield—SCHOOL—Winn Parish defeated $169,000 bonds, school, for Bd. Educ., S. S. Sikes, supt. Noted Dec. 30.

Ind., Evansville—SCHOOLS—City, Bd. Educ., C. B. Emlow, pres., plans school additions and extensions. $260,000.

Ind., North Judson—SCHOOL—School Comrs., H. C. Clasen, supt., having plans prepared by Wainwright & Vaughn, and soon takes bids 2 story and basement, brick and steel school, incl. gymnasium. $150,000.

Ind., South Bend — SCHOOL — School Comrs. having plans prepared by Austin & Shambleau, 111 North Lafayette St., and takes bids in April, Thomas Jefferson School, rein.-con., brick and steel. $275,000.

Mich., Detroit — LIBRARY — University of Detroit, J. P. McNichols, pres., Livernois and Six Mile Rd., having plans prepared 3 story, rein.-con., brick and steel, plain foundation, Livernois Ave. and Six Mile Rd. $200,000. Engineer and architect's names withheld.

Mich., Romeo — SCHOOL — Bd. Educ. having plans prepared by Warren Holmes-Powers Co., Tussing Bldg., Lansing, 2 story and basement, rein.-con., brick and steel, incl. gymnasium and auditorium, plain foundation. $150,000.

Ill., Glencoe — SYNAGOGUE — North Shore Congregation Israel, c/o M. W. Spitz, Glencoe, soon takes bids 2 story and basement, 200 x 200 ft., rein.-con., brick, steel and stone, Lincoln and Vernon Aves. $275,000. A. S. Alschuler, 28 East Jackson Blvd., Chicago, archts. Noted Jan. 6.

Wis., Madison — LIBRARY — University of Wisconsin, J. D. Phillips, bus. mgr., plans R. M. LaFollette Memorial Library, rein.-con., brick and steel, plain foundation, on campus. $550,000. Engineer and architect not selected.

Kan., Chanute — SCHOOLS, etc. — Bd. Educ. soon takes bids 100 x 150 ft. addition to Senior High School, 56 x 87 ft. addition to Junior High School, and 68 x 106 ft. shop, all 2 story, rein.-con., brick and stone. $200,000. T. W. Williamson & Co., 312 Central Natl. Bank Bldg., Topeka, archts.

Kan., Cherryvale — SCHOOL — Election Apr. 5, $150,000 bonds, rein.-con. and brick school, for Bd. Educ. J. H. Felt & Co., 300 West 47th St., archts.

Kan., Hutchinson—HIGH SCHOOL—Election Apr. 5, $175,000 bonds, 2 story, rein.-con., brick and stone addition, incl. 15 class rooms, 1,500 seating capacity auditorium and gymnasium. H. E. Hulse & Co., Stamey Hotel Bldg., archts. Noted Mar. 17.

N. D., Grand Forks—SCHOOL—University of North Dakota, T. F. Kane, pres., plans 3 story and basement, rein.-con. and brick school. $250,000.

Mo., St. Louis—COLLEGE of PHARMACY—W. B. Ittner, archt., 911 Locust St., takes bids about Apr. 15, 4 story and basement, 100 x 175 ft., rein.-con., brick and stone, Euclid and Parkview Aves., for College of Pharmacy, 2108 Locust Blvd. $500,000.

Mo., Springfield—SCHOOLS—Election in spring $500,000-$750,000 bonds, constructing brick, concrete and stone new schools, also additions to existing schools, for Bd. Educ.

Tex., Amarillo—SCHOOL—Sacred Heart Catholic Congregation plans probably 4 story, rein.-con. and brick, plain foundation. $500,000. Engineer and architect selected soon.

Tex., San Antonio—CHURCH—Grace English Lutheran Church, c/o P. F. Hein, doctor, 523 East Quincy St., having plans prepared by R. H. Cameron, 1116 City Natl. Bank Bldg., 3 story, part basement, rein.-con. and brick, plain foundation, Ave. E and 5th St. $150,000.

Okla., Oklahoma City — COLLEGE — Oklahoma City University, Campaign Field Bldg., E. Antrim, pres., having preliminary plans prepared 3 story and basement, 75 x 175 ft., rein.-con. and brick, arts and science hall, plain foundation, 24th St. $250,000. Engineer and architect not announced.

Calif., Alhambra—SCHOOLS—Bd. Educ., plans election soon. $490,000 bonds, new high school; also $518,000 bonds, elementary school building and improvements.

Bids Desired

Mass., Boston — CHURCH — Ebenezer Baptist Church, C. A. Ward, pastor, West Springfield St., taking bids altering and constructing 1 and 2 story and basement, brick and stone, West Springfield St. near Tremont St. $150,000. C. C. Coveney, 184 Boylston St., archts.

Mass., Newton (Ind. br. Boston)—HOME Mar. 26, by Baptist Home, 308 Brookline St., Cambridge, 3 story and basement, brick and steel, Lake and Commonwealth Aves., here. $300,000. Kendall Taylor & Co., 142 Berkeley St., Boston, archts. Noted Mar. 10.

Mass., Quincy (Boston P. O.)—CHURCH—Mar. 26, by Bethany Congregational Church, c/o J. W. Beal Sons, archts., 185 Devonshire St., Boston, brick, steel and stone, Coddington and Spear Sts. $300,000. Noted Dec. 23.

Mass., Watertown — HIGH SCHOOL — Town, School Comn., taking bids 2 story and basement, brick and stone addition, plain foundation, Waverly St. $150,000. G. F. Newton & R. H. Wamboldt, 6 Beacon St., Boston, archts. Noted Feb. 3.

Mass., Worcester—SCHOOL—Mar. 26, by City, Pub. Building Dept., 2 story and basement, brick and steel addition, Lee St. $150,000. E. T. Chapin, 340 Main St., archt. Noted Feb. 10.

Conn., Hartford—SCHOOL—Apr. 4, by St. Augustine's Parish, M. W. Barry, pastor, 2 story and basement, 60 x 128 ft., brick and steel, Clifford St. and Maple Ave. $200,000. Whiton & McMahon, 805 Main St., archts. Noted Feb. 24.

Conn., Winsted—SCHOOL—Mar. 28, by City, S. T. Cliffton, chn., 804 Main St., 2 story and basement, brick, steel and stone, Elm and Wetmore Sts. $200,000. W. E. Hunt, 182 Church St., Torrington, archt. Noted May 6.

N. Y., Penfield—SCHOOL—Mar. 30, at office O. W. and H. B. Dryer, archts., 217 East Ave., Rochester, school, Main St., in Dist. 5, here. $150,000.

N. J., Plainfield—SCHOOL—Apr. 5, by Bd. Educ., City Hall, 1 story and basement, 125 x 200 ft., rein.-con., brick and steel, plain foundation, West 8th St. $500,000. J. T. Rowland, 30 Journal Sq., Jersey City, archt. Noted Dec. 23.

Fla., West Tampa (Sta. Tampa)—HIGH SCHOOL—Mar. 29, by W. D. F. Snipes, supt. Bd. Pub. Instruction, new Junior High School.

Ore., Portland—SCHOOL—Mar. 28, by School Dist., 7th and Clackamas Sts., Grant School, 2 story, 135 x 183 ft., rein.-con. and brick, Holgate and Cora Sts. between 31st and 32nd Sts. $250,000. G. W. Jones, 7th and Clackamas Sts., archt.

Calif., Los Angeles—CHURCH—A. C. Martin, archt., Higgins Bldg., taking bids brick and steel, 9th and Green Sts., for Roman Catholic Archbishop of Los Angeles. $150,000.

Calif., Oakland—HIGH SCHOOL—Apr. 5, by Bd. Educ. Oakland School Dist., for Lakeview Junior High School, 3 story, brick. $200,000. E. G. Bangs, 360 17th St., archt.

Calif., Riverside—HIGH SCHOOL—Apr. 4, by Bd. Educ., for Junior High School, 2 story, 65 x 247 ft., rein.-con., incl auditorium and library, University Heights. $175,000. J. C. Austin & F. M. Ashley, Chamber of Commerce Bldg., Los Angeles, archts.

Bids Received

N. Y., St. George — SCHOOL — W. H. Gompert, supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, Mar. 15, general contract P. S. 30, Leonard St., here, from Staten Island Constr. Co., 56 Bay St., $430,000; heating, from D. J. Rice, Inc., 601 1st St., New York City, $65,107, for Bd. Educ., 500 Park Ave., New York City. Noted Mar. 10.

N. J., Cranford—SCHOOL—Bd. Educ., 109 Union Ave., Mar. 17, general contract 3 story school, Orange Ave., from Turtur Bros., Inc., $219,000; heating, from F. J. Farrell, 269 Camden St., Newark, $37,672. Noted Mar. 10.

Pa., Kingston—HIGH SCHOOL—School Bd., W. H. Evans, secy., Mar. 14, 2 story and basement, 180 x 276 ft., rein.-con. and brick, plain foundation, here, from A. J. Sordoni, Forty Fort, $641,390. Noted Mar. 10.

Calif., Santa Barbara—SCHOOL—State Building Comn., Sacramento, general contract administration building, at State Teachers College, here, from MacDonald & Driver, Bd. of Trade Bldg., Los Angeles, $114,842. Noted July 2, 1925.

Contracts Awarded

Mass., Worcester—SCHOOL—City, Pub. Building Dept., 2 story and basement, brick and stone addition, plain foundation, Adams St., to A. Booth, 394 Main St., $124,481. Noted Mar. 17.

Conn., Farmington—SCHOOL—Town, T. F. Rourke, chn., 2 story and basement, brick, white stone and steel, to S. Mazzotta, 1019 Asylum St., South Farms, Middletown, $176,963. Noted Jan. 27.

Conn., Hamden (br. New Haven)—SCHOOLS—Town, J. H. Strain, chn., 2 story, brick and steel, Pine and Helen Sts., to C. W. Murdock, Inc., 505 Grand St., New Haven; also addition Spring Glen School, to C. Abbadessa, 159 Winthrop Ave., New Haven. Archts. est. $150,000. Noted Feb. 24.

N. Y., Brooklyn—SCHOOL—Bd. Educ., 500 Park Ave., New York City, general contract P. S. 115, East 92nd St. and Avenue M, here, to Kenny Bros., 33 Old Bway., New York City, $421,300; heating to D. J. Rice, Inc., 405 Lexington Ave., New York City, $56,301. Noted Feb. 10.

N. Y., North Rose—HIGH SCHOOL—Bd. Educ., Central School Dist. 2, towns of Rose and Huron, high school, here, to Rankin Constr. Co., 466 South Clinton Ave., Rochester, $123,800. Noted Feb. 17.

N. J., Trenton—DORMITORY, etc.—Bd. Institutions & Agencies, general contract 1 story, brick dormitory at Colony for Feeble Minded Males, Woodbine, to J. Pasquale, Vineland, $86,000; plumbing and heating for same, to W. G. Kentnor, Wildwood, $27,369; also general contract two 2 story cottages at State Home for Girls, here, to General Contg. Co., 117 Emory Ave., $84,000.

Pa., Glenshaw — CHURCH — Glenshaw Presbyterian Church, general contract 1 and 2 story and basement, irregular shaped church, to R. K. Sefton, East Diamond St., Pittsburgh. Archts. est. $150,000.

Md., Baltimore — SCHOOL and AUDITORIUM — St. Theresa Roman Catholic Church, T. J. Wheeler, Mt. Road and Lafayette Ave., 2 story and basement, 60 x 160 ft. school, and 2 story, 60 x 108 ft. auditorium, brick and steel, plain foundation, Brandan Ave. and Belair Rd., to Frainie Bros. & Haigley, 19 West Franklin St., $200,000; heating and ventilating apparatus, to Federal Eng. & Constr. Co., 28 South Charles St. Noted Dec. 9.

La., Shreveport — CHURCH — St. Johns Catholic Parish, O. M. Poche, pastor, 2

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Buildings—Educational, Religious (Cont.)

story, rein.-con., brick and stone, Texas Ave., to Central Contrg. Co., Athletic Bldg., Dallas, Tex., $275,576.

O., Columbus—SCHOOLS—A. R. Geist, clk. Bd. Educ. Marion Twp., 331 South High St., general contract 114 x 132 ft., school, Scioto Trail, 81 x 85 ft. addition to Fornoff School, and 66 x 81 ft. addition to Clearfield School, to Leonard Constr. Co., 609 Fairwood Ave., $107,680; also Smith Rd. School, 98 x 116 ft., to P. P. Baughman, 445 Grove St., $47,065. Noted Feb. 17.

O., Dennison — HIGH SCHOOL — Bd. Educ., Mar. 3, brick, steel and concrete high school, to Trade Unit Constr. Co., Strassburg, $235,000.

Wis., Milwaukee — UNIVERSITY—University of Wisconsin, J. D. Phillips, bus. mgr., Madison, 2 story, 57 x 122 ft., rein.-con., brick and steel, plain foundation, State St., to Paul Rieson & Sons, 1018 Humboldt Ave. Archts. est. $150,000.

Ia., Ames—CHEMICAL ENGINEERING—State Bd. Educ., W. H. Gemmill, secy., State House, Des Moines, 2 story, rein.-con. and brick, here, to Lippert Bros., Boone, for Iowa State College of Agriculture & Mechanic Arts. Noted Mar. 17.

Minn., Minneapolis—CHURCH, HOTEL and COMMUNITY CENTER — Wesley Methodist Church, J. W. Sprague, pres. church corp., 1st Ave. S. and Grant St., 3 and 10 story and basement church with 6 story tower, rein.-con., brick and stone, Grant St., to Wells Bros. Constr. Co., 53 West Jackson Blvd., Chicago, Ill., approximately $5,000,000.

Okla., Tulsa — CHURCH — Rush, Endicott & Rush, archts., 404 Wright Bldg., and Building Com., Boston Avenue Methodist Church, 501 South Boston Ave., 4 story, basement and balcony, rein.-con., brick, stone and terra cotta, Boston Ave., to W. S. Bellows Constr. Co., Hersk Bldg., Oklahoma City, $800,000. Noted Nov. 18.

Calif., Beverly Hills — SCHOOL — Trustees Beverly Hills School Dist., for Rodeo-Whiting School, general contract 2 story and basement, brick, to H. Mayson, 229 Euclid Ave., Long Beach, $255,000. Former contract rescinded. Noted Mar. 17.

Calif., Beverly Hills—SCHOOL—Trustees Beverly Hills School Dist., for Rodeo-Whiting School, 2 story and basement, brick, to H. W. Schlueter, Black Bldg., Los Angeles, $309,000. Noted Feb. 17.

Calif., Los Angeles — HIGH SCHOOL — Bd. Educ., 71 x 84 ft. administration building, 90 x 177 ft. auditorium, 64 x 124 ft. science building, 64 x 136 ft. liberal arts building, all foregoing 3 story, 75 x 149 ft. shops building, and 60 x 92 ft. domestic science building with 64 x 80 ft. wing South Normandie and 108th Sts., to P. J. MacDonald Co., 1800 Industrial St., $479,040.

Calif., Los Angeles—HIGH SCHOOL—Bd. Educ., general contract Franklin High School, 2 story and part basement, 136 x 202 ft., brick, incl. auditorium, to T. H. Reed, 3025 Dalton Ave., $143,990. Noted Feb. 10.

Calif., Los Angeles — HIGH SCHOOL — School Dist., Geo. Washington High School, rein.-con. and brick, to B. D. Kronnick, 3623 Avalon Blvd., $457,000 plus $1,308 for acoustical plaster in 5 rooms. Noted Mar. 10.

Federal Government Work

Proposed Work

R. I., Newport—Water Main—Spec. 5317—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans cleaning suction Main, Naval Hospital (Fuel Depot, Melville Sta.), here.

Va., Norfolk — Quarters — Spec. 5253—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans quarters at Naval Hospital, here.

Bids Desired

Pa., McKees Rocks—Post Office—Apr. 19, by Treas. Dept., at office Supervising Archt., Wash., D. C., U. S. Post Office here; adv. E. N.-R. Mar. 24.

D. C., Wash. — Dormitory — Apr. 4, by U. S. Govt. Natl. School for Boys, 2 story, 38 x 75 ft., brick, Bladensburg Rd. N. W. $75,000.

Va., Fort Myer—Reroofing—Mar. 30, by Constructing Quartermaster, reroofing Building 51, here.

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Va., Langley Field (Ind. br. Hampton)—Alterations, etc.—Apr. 8, by Quartermaster, altering and changing officers Quarters No. 15-B, here.

N. C., Oteen—Receiving Building—Apr. 26, by U. S. Veteran's Bureau, Arlington Bldg., Wash., D. C., receiving building at U. S. Veteran's Hospital 60, here.

S. C., Lancaster—Post Office—Apr. 26, by Treas. Dept., at office Supervising Archt., Wash., D. C., constructing U. S. Post Office, here.

O., Dayton — Dynamometer Building — Constructing Quartermaster, Wright Field rejected bids Feb. 26, dynamometer building, at Wright Field, here. Noted Feb. 3.

Ill., Chicago — Mechanical Equipment — Apr. 14, by Treas. Dept., at office Supervising Archt., Wash., D. C., modernizing mechanical equipment, extending power house, etc. at U. S. Marine Hospital, here; adv. E. N.-R. Mar. 24.

Ia., Clinton—Dredging—Mar. 26, by U. S. Engineers Office, Rock Island, Ill., dredging in Beaver Slough, secondary channel of Mississippi River, near here.

S. D., Chamberlain—Post Office—Apr. 29, by Treas. Dept., at office Supervising Archt., Wash., D. C., U. S. Post Office, here.

Tex., Camp Mabry (mail Bracken)—Kitchens, etc.—Apr. 4, by Property & Disbursing Officer, 14 kitchens and mess halls, here.

Wash., Port Townsend—Gangway—Apr. 18, by Treas. Dept., at office Supervising Archt., Wash., D. C., new span for gangway to wharf, U. S. Quarantine Station, here.

Calif., Richmond—Dredging—Apr. 14, by U. S. Engineer Office, Customhouse, San Francisco, dredging 2,316,445 cu.yd. dredging in Inner Harbor, here.

Bids Received

Mich., Camp Custer (br. Battle Creek)—Grilles—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., door and window grilles, at U. S. Veterans Hospital, here, from Aetna-Columbia Co., 4527 West Lake St., Chicago, Ill., $10,825.

Ill., Maywood—Tank and Tower—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., Mar. 8, water tank and tower at U. S. Veterans Hospital, here, from Permutit Co., 440 4th Ave., New York City, (2) $14,605 (3) $27,285. Noted Feb. 17.

Ill., Mt. Carmel—Post Office—Treas. Dept. at office Supervising Archt., Wash., D. C., Mar. 16, constructing U. S. Post Office, here, from A. C. Samford, 24 Galena Ave., Montgomery, Ala., $74,871. Noted Feb. 17.

Ariz., Globe—Post Office—Treas. Dept., at office Supervising Archt., Wash., D. C., Mar. 11, constructing U. S. Post Office, from A. M. Lundberg, 208 North Bway., St. Louis, Mo., $152,900. Noted Feb. 17.

Calif., San Diego—Buildings—Spec. 5148—Bureau Yards & Docks, Navy Dept., Wash., D. C., Mar. 16, buildings at Naval Operating Base (Hospital) here, from Orndoff Constr. Co., 247 North Western Ave., Los Angeles, $550,000; plumbing, from J. A. Brennan, Builders Exch. Bldg., Los Angeles, $46,990; heating, from T. Haverty Co., 316 East 8th St., Los Angeles, $14,895; electrical work, from Amer. Electrical Constr. Co., 759 East 9th St., Los Angeles, $15,803. Noted Jan. 27.

C. Z., Darien—Water Purification Plant—Spec. 5240—Bureau Yards & Docks, Navy Dept., Wash., D. C., Mar. 16, water purification plant, at Naval Radio Station, here, from Newport News Constr. & Eng. Co., Newport News, Va., $11,752, deduct $700. Noted Feb. 17.

Contracts Awarded

Mass., Boston—Storehouse—Treas. Dept., at office Supervising Archt., Wash., D. C., storehouse at U. S. Quarantine Station, Gallops Island, here, to C. A. Zappe, Inc., 5 Lindale Ave., Dedham, $4,884. Noted Mar. 17.

Mass., Winchester—Post Office—Treas. Dept., at office Supervising Archt., Wash., D. C., constructing U. S. Post Office, here, to J. P. Curley, 180 Dudley St., Boston, Mass., $71,111.

N. J., Lakehurst—Transmitting Station—Spec. 5242—Bureau Yards & Docks, Navy Dept., Wash., D. C., naval transmitting station, here, to Suburban Contg. Co., Moorestown, $7,457. Noted Feb. 17.

Pa., Lewistown—Post Office—Supervising Archt., Wash., D. C., 3 story and basement, 80 x 100 ft., brick, steel and stone post office, here, to A. C. Stamford, 24 Galena St., Montgomery, Ala., $88,825. Noted Mar. 3.

Pa., Pittsburgh—Lock—U. S. Engineer Office, constructing Lock 6, Allegheny River, to J. F. Casey Co., Aspinwall, $839,419. Noted Feb. 10.

Md., Annapolis—Extending Shed Spec. 5243—Bureau Yards & Docks, Navy Dept., Wash., D. C., extending motor test shed at Engineering Experiment station, here, to S. B. Dove, P. O. Box 94, $6,478.

D. C., Wash.—Pipe Line—U. S. Engineer Office, 1068 Navy Dept. Bldg., pipe line for Arlington Co. Sanitary Dist., to Lock Joint Pipe Co., Ampere, $50,505. Noted Feb. 10.

Va., Fort Monroe—Boiler Houses—Constructing Quartermaster, will build 3 boiler houses, with mechanical installation, etc., by day labor. Former bids rejected.

Tenn., Athens—Post Office—Treas. Dept. at office Supervising Archt., Wash., D. C., constructing U. S. Post Office, here, to A. Blair, 11 South Lawrence St., Montgomery, Ala., $76,738. Noted Mar. 3.

Mich., Camp Custer (br. Battle Creek)—Grilles—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., door and window grilles, here, to Bellis Wire Wks., Inc., 307 Scholes St., Brooklyn, N. Y., $9,350. Noted Mar. 24.

Calif., San Francisco — Repairs — Spec. 5315—Bureau Yards & Docks, Navy Dept., Wash., D. C., repairs to receiving ship station, Buena Island, Yerba, here, to Healy-Tibbitts Constr. Co., 64 Pine St., $7,992

FEDERAL POWER COMMISSION

Application for License and Permits

Applications

770—Bd. Directors State Institutions, Capitol, Phoenix, Ariz., wants preliminary permit dam above Lees Ferry, in Cocomino Co. Ariz. and San Juan Co., Utah, involving Colorado and San Juan Rivers.

771—R. W. Cary, 417 Chamber of Commerce Bldg., Portland, Ore., wants license small power project in Clackamas River, Clackamas Co.

772—Pacific Gas & Electric Co., 245 Market St., San Francisco, wants license constructing transmission lines in Tahoe Natl. Forest, Sierra Co.

773—California Oregon Power Co., 454 California St., San Francisco, wants license transmission line within Klamath Indian Reservation, Klamath Co.

774—Arizona Power Co., Prescott, Ariz., wants license partially constructed transmission line, 44 mi. long, within Prescott Natl. Forest, Yavapai Co.

775—Pearson Mining Co., Wallace, Idaho wants license small constructed power project in Mozier Creek, Shoshone Co., Idaho, within St. Joe Natl. Forest.

776—Mt. Shasta Power Corp. 245 Market St., San Francisco, Calif., wants license transmission line partly within Lassen Natl. Forest and on Indian allotment lands, Shasta Co.

777—Puget Sound Power & Light Co., Stuart Bldg., Seattle, Wash., wants license occupation 75.5 acres land within Washington Natl. Forest, Whatcom Co., by enlarged reservoir formed if and when existing Baker River dam is raised 30 ft.

778—Utah Power & Light Co., Kearns Bldg., Salt Lake City, Utah, wants license transmission line partly on Indian Reservation land and Indian allotment lands, Box Elder Co., Utah, and Oneida and Power Counties, Idaho.

779 — Southern California Edison Co., Edison Bldg., Los Angeles, Calif., wants license transmission line partly within Angeles Natl. Forest and on public lands, Los Angeles Co.

780 — Southern California Edison Co., Edison Bldg., Los Angeles, Calif., wants license transmission line within Angeles Natl. Forest, Los Angeles Co.

781—J. D. Dehy, Mocalno, Calif., wants preliminary permit power project on Lone Tree and Cottonwood Creeks within Inyo Natl. Forest, Mono Co.

782—Southern Sierras Power Co., Riverside, Calif., wants license transmission line within Pechanga and Pala Indian Reservations, San Bernardino, Riverside and San Diego Counties.

783 — Alaska Consolidated Canneries, Inc., Mutual Life Bldg., Seattle, Wash., wants license small constructed power project within Tongass Natl. Forest, in Chomly Creek, Prince of Wales Island, Alaska.

784—R. H. Woods, Lordsburg, N. M., wants preliminary permit power project on Gila River within Gila Natl. Forest, and on public land in Hidalgo and Grant Counties.

Unclassified

Proposed Work

Swimming Pool — Boston, Mass. — See "Buildings—Commercial."

Underpass—Syracuse, N. Y.—City, State, and New York Central R.R. Co., Grand

Unclassified (Continued)

Central Terminal, New York City, made plans 700 x 800 ft., steel and rein.-con. underpass, Geddes St. $750,000. N. F. Pitts, Jr., City Hall, engr.

Boardwalk—Atlantic City, N. J.—City Comm. plans rebuilding boardwalk. $750,000. Address Mayor. Engineer not selected.

Stadium—Bayonne, N. J.—Rejected bids Mar. 10, rein.-con. stadium, 25th St. and Newark Bay. Will readvertise. Noted Mar. 3.

Stadium — Huntington, W. Va. — City plans (1st unit) concrete and steel stadium, 6,000 seating capacity, Charleston Ave. and 15th St. $75,000.

Fire Alarm System—Petersburg, Va.—See "Streets and Roads."

Pipe Line — Louisiana — Pure Oil Co., Beaumont, Tex., making preliminary plans pipe line, pumping station, etc., in Cameron Parish, here. $100,000. Private plans.

Parks, etc. — Shreveport, La. — Defeated $30,000 bonds, for parks. Noted Feb. 3.

Land Development—Chattanooga, Tenn.—Mission Heights Development Co., P. Q. Kruesi and J. B. Pound, dirs., raising $200,000 funds, developing 200 acres on Missionary Ridge.

Grade Separation—Detroit, Mich.—Dept. Pub. Wks., City Hall, plans grade separation at Holbrook Ave. and Grand Trunk Ry. tracks, incl. raising tracks and depressing street 3 ft. length of depression 200 ft., concrete retaining wall along railroad right-of-way with 15 ft. fill over 192 ft. right-of-way, also rein.-con and steel bridge to carry tracks. $920,000. K. L. Barton, grade separation engr.

Golf Course — Merrill, Wis. — Merrill Golf Club, G. B. Nicholson, mgr., making plans grading and seeding, etc., for 9 hole golf course, and tennis courts, etc. $25,000. T. Vardon, Metropolitan Life Bldg., Minneapolis, Minn., engr.

Traffic Tunnel—Kansas City, Mo.—Plans traffic tunnel along 8th Street car tunnel. To exceed $25,000. Engineer not selected.

Pool—Parsons, Kan.—Made preliminary plans 160 ft. diam. circular rein.-con. pool. $25,000. Black & Veatch, 700 Mutual Bldg., Kansas City, Mo., engrs.

Park Improvement, etc.—Fremont, Neb.—Election Apr. 5, $40,000 bonds, improving parks, etc.

Subway—Springfield, Mo.—Election Apr. 1, $90,000 bonds, subway at National Ave. and St. Louis & San Francisco R.R. tracks. S. R. Fisher, City Hall, and Russell & Axon, 404 McDaniel Bldg., engrs.

Distribution System and Light Plant—Stanberry, Mo.—Election Apr. 5, $30,000 bonds, distribution system and electric light plant. J. A. Moore, city clk.

Fire Alarm System—Texarkana, Ark.—See "Buildings—Commercial."

Gas Line—Texas—Rio Grande Valley Gas Co., c/o Lasby & Crawford, San Benito, making surveys, etc., natural gas lines radiating from San Benito and Mercedes. $200,000. Private plans.

Natural Gas Plant — Texas — Skelly Oil Co., Skelly Bldg., Tulsa, Okla., plans 20,000,000 ft. natural gas plant in eastern Panhandle fields, here. $2,000,000. Private plans.

White Way — Texas — Syndicate, c/o Brownsville Chamber of Commerce, making preliminary plans 40 mi. white way from Brownsville to La Feria. $75,000.

Transmission Line — Texas — Central Power & Light Co., c/o E. B. Neiswanger, Frost Bldg., San Antonio, made plans 37 mi. transmission line from Victoria to Sinton, $200,000; 10 mi. from Taft to Sinton, $35,000; and 38 mi. in Wheeler and Jackson Counties to serve electrification of Rice Systems, $100,000. Private plans.

Stadium—Houston, Tex.—Houston Baseball Assn. purchased site and plans rein.-con. stadium. $200,000. Engineer not selected.

Dock and Wharf—Beaumont, Tex.—City, O. J. Bloyd, mgr., plans dock and wharf improvements, etc. $250,000. T. V. Smelker, chn.

Brick Plant—Brownwood, Tex.—B. E. LaDow, Fredonia, Kan., making preliminary plans brick plant, 100,000 bricks capacity. $250,000, incl. machinery and equipment. Private plans.

Grain Elevator—Floydada, Tex.—L. A. Marshall, making plans grain elevator. $40,000, incl. equipment. Private plans.

Subway — Houston, Tex. — City making plans 900 ft. rein.-con. subway, 40 ft. under railroad tracks, on McKee St. $100,000. J. C. McVea, city engr.

Land Development — Plainview, Tex. — N. R. Northcutt, making plans and soon takes bids developing 36 acres sub-division. $40,000. Private plans.

Oil Pipe Line—Oklahoma—Empire Gas & Fuel Co., Bartlesville, made preliminary plans new 20 mi. 5⅝ in. oil pipe line from Seminole oil field to tank farm at Cromwell. $100,000. C. A. Strickler, Bartlesville, engr.

Oil Pipe Line—Oklahoma—Pure Oil Co., 118 West 6th St., Tulsa, made plans 20 mi. 5⅝ in. pipe line from Depew to Seminole, via Cromwell. $100,000. Engineer not announced.

Gas System—Coyle, Okla.—E. C. Mullendore, Cleveland, applied for franchise new gas system, incl. 21,000 ft. 4 in. steel pipe. $30,000. Election Apr. 4, to vote on same.

Swimming Pool—Las Vegas, Nev.—See "Buildings—Commercial."

Lighting System—Los Angeles, Calif.—Plans concrete standards on portions Stanley and Croft Aves. To exceed $25,000.

Swimming Pool, Bathhouse—Montebello, Calif.—City Trustees take bids about Mar. 23, constructing 2 rein.-con. swimming pools, approximately 380,000 and 45,000 gal. capacity, also bathhouse.

Gas Mains—San Jose, Calif.—Pacific Gas & Electric Co., 245 Market St., San Francisco, plans gas mains in Hester and College Park Dists. $36,810. Private plans.

Gas Works Extension—Belleville, Ont.—City plans improving and extending gas plant, concrete, brick and steel, incl. new gas mains, and gas generating equipment. $185,000. Wynne-Roberts, Son & McLean, Metropolitan Bldg., Toronto, engrs.

Docks—Hamilton, Ont.—Hamilton By-Product Coke Ovens Ltd., plans docks, foot of Ottawa St. $1,500,000. Private plans.

Hydro Extensions—Niagara Falls, Ont.—Hydro-Electric Power Comn. of Ontario, 190 University Ave., Toronto, F. A. Gaby, ch. engr., plans constructing rural hydro extensions, incl. wood poles and cross arms, insulators, conductor, step down transformers and switches, in Niagara Dist. $250,000.

Telephone System—Preston, Ont.—Bell Telephone Co., improving and extending telephone system, incl. cable, telephone wire, exchange equipment, poles and cross arms. $100,000. Private plans.

Transformer Station—Queenston, Ont.—Hydro Electric Power Comn., 190 University Ave., Toronto, F. A. Gaby, ch. engr., plans transformer station, cable, switchboard and electrical equipment, here. $100,000.

Grain Elevator—Vancouver, B. C.—Vancouver Harbor Comn., 525 Seymour St., having plans prepared 1,000,000 bu. capacity additional storage bins to No. 3 elevator. $750,000. H. W. Frith, 525 Seymour St., engr.

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Constr. News page 195

Unclassified (Continued)

Bids Desired

Heating and Ventilating System—Bristol, Conn.—Colonial Theatre, Inc., c/o Mowl & Rand, archts., 27 School St., Boston, Mass., taking bids heating and ventilating system in theatre Main St. $25,000 or more.

Special Work—Brooklyn, N. Y.—Apr. 1, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York City, special work for use in construction Coney Island Yard, here, (Order 38).

Test Borings—New York—Apr. 5, by Bd Water Supply, Municipal Bldg., New York City, test borings in Brooklyn and Queens Boros, Contr. 221; and in Bronx and Queens Boros, Contr. 220. G. J. Gillespie, pres.; adv. E. N.-R. Mar. 24.

Land Development—Myrtle Beach, S. C.—Apr. 7, by Myrtle Beach Sales Co., clearing golf courses, hardsurfacing streets, sewers, sidewalks, waterworks, etc. S. H. Wright, Myrtle Beach, consult. engr.; adv. E. N.-R. Mar.24.

Culverts, etc.—Tipton, Ia.—Apr. 5, at office Auditor Cedar Co., constructing 40 box culverts and extensions, also furnishing 978 ft. culvert pipe. R. O. Zimmerling, Tipton, co. engr.

Culverts—Vinton, Ia.—Mar. 28, at office Auditor Benton Co., constructing 100 box culverts and extensions.

Heating and Ventilating System — Columbia, Mo.—Apr. 12, by Bd. Educ., heating plant and ventilating system for Hickman Senior High School. $60,000. W. B. Ittner, 911 Locust St., St. Louis, archt. Noted Feb. 17.

Oil Pump Station—Putnam, Tex.—See "Contracts Awarded."

Land Development—San Antonio, Tex.—Harlandale Building Co., c/o T. Barrett, 6200 South Flores St., taking bids improving Western Heights and Western Heights Acres, incl. paving $50,000, waterworks $25,000, lights $12,000, etc. Private plans.

Grain Elevator — Owen Sound, Ont. — Great Lakes Elevator Co. taking bids grain elevator addition, rein.-con., incl. latest grain handling machinery. $250,000. Noted Mar. 10.

Bids Received

Exit Facilities—Ogdensburg, N. Y.—Commercial Mental Hygiene, Dept. Mental Hygiene, Albany, Mar. 16, doors, etc. (exit facilities and fire stops), at St. Lawrence State Hospital, here, from Mann & Shea, Canton, $12,876. Noted Feb. 24.

Exit Facilities—Poughkeepsie, N. Y.—Commercial Mental Hygiene, Dept. Mental Hygiene, Capitol, Albany, Mar. 16, exit facilities and fire stops at Hudson River State Hospital, here, from English Constr. Co., 15 West 91st St., New York City, (1) $38,400 (2) $38,200 and (3) $37,400. Noted Feb. 24.

Contracts Awarded

Bowling Alleys—New Haven, Conn.—See "Buildings—Commercial."

Subway—New York, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., constructing 6-C, Route 78, Rapid Transit Railroad along and under Bway. from West 173rd to 177th Sts., to Slattery Eng. Constr. Co., 10 East 43rd St., $1,323,362. Noted Feb. 24.

Stock Pens—Cincinnati, O.—Cincinnati Union Stock Yards, Spring Grove Ave., 2 story and basement, 310 x 519 ft., rein.-con., plain foundation, Spring Grove Ave., to Ferro Concrete Co., Elm St., $800,000.

Stadium—Ann Arbor Mich.—University of Michigan, superstructure for rein.-con. stadium, 70,000 seating capacity, to J. Leck Co., 211 South 11th St., Minneapolis, Minn.

Wharf Barge—St. Paul, Minn.—A. E. Eggert, city purch. agt., 45 x 214 ft., steel wharf barge, to Marietta Mfg. Co., Pt. Pleasant, W. Va., $55,690. Noted Feb. 17.

Gas Pipe Line — Texas and Missouri — Texas Corp. & Columbian Carbon Co., Amarillo, Tex., 410 mi. 22 ft. pipe line from Panhandle, Tex. to Kansas City, Mo., to Hope Eng. & Supply Co., Mt. Vernon, O. Engrs. est. $20,000,000.

Wharf—Houston, Tex.—Sinclair Refining Co., Chronicle Bldg., extending, etc., Wharf 2, Sinco Refinery, 13,000 lin.ft. wood piling, pulling out 399 piles and tearing out 53 ft. lumber, etc., to Howe & Spence, Port Arthur, approximately $35,000.

Oil Pump Station—Putnam, Tex.—Humble Pipe Line Co., Humble Oil Co. Bldg., Houston, will build oil pump station, by own forces. $500,000. Private plans.

Lighting System—Los Angeles, Calif.—Ornamental lighting system on Hauser Blvd., to Walker & Martin, 402 West Wilshire Blvd., Fullerton, $45,906. Engrs. est. $52,664.

Lighting System—Modesto, Calif.—Ornamental lighting system on 1st, 2nd Sts., to Walker, Martin & Montgomery, 2831 Eastman Ave., Oakland, $48,825.

Wharves, etc. — Toronto, Ont. — Canada Steamship Lines, Ltd., foot of Yonge St., piling contract in connection with wharves, docks and freight sheds, Queens Quay, to Russell Constr. Co. Ltd., Harbor Bldg. Engrs. est. $1,000,000. Noted Mar. 3.

Materials

Proposed Work

Electric Cable—Minneapolis, Minn.—F. S. Gram, city purch. agt., rejected bids Jan. 18, 62,500 ft. electric cable for Fire Dept. signal service. Will probably readvertise in summer. N. W. Elsberg, city engr. Noted Feb. 3.

Bids Desired

Battery Material and Electrical Supplies—Boston, Mass.—Mar. 31, by Schoolhouse Dept., battery material and electrical supplies for departmental use. $10,000. F. E. Slattery, chn.

Crushed Stone—Boston, Mass.—Mar. 25, by Supply Dept., crushed stone as required until Dec. 31. H. S. Frost. supt.

Granite Edgestones—Boston, Mass.—Apr. 1, by Supply Dept., for granite edgestones, 50,000 lin.ft. straight, 4,000 lin.ft. circular, 450 small corners, 50 large corners and 200 lin.ft. special. H. S. Frost, supt.

Gravel, Sand and Cement—Boston, Mass.—Mar. 28, by Supply Dept., gravel and sand as required until Dec. 31, also quantities portland cement as required. H. S. Frost, supt.

Trap Rock, Crushed Stone, etc. — Cambridge (Boston P. O.), **Mass.**—Mar. 28, by Street Dept., trap rock, crushed stone, sidewalk bricks, granite edgestones, concrete, stone, gravel, sand, tar, hot and cold asphalt, bindings, recutting granite blocks repairing bituminous and asphalt pavements required during fiscal year. J. H. Holt, acting supt.

Stone—Buffalo, N. Y.—Mar. 25, by J. J. Love, comr. Pub. Wks., Municipal Bldg., paving stone, dressed block paving stone and curbing, bitumen top dressing, sand, grit, gravel and crushed stone for year ending Dec. 31, 1927.

Gasoline — Long Island City, N. Y. — Mar. 25, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., 200,000 gal. gasoline and 20,000 gal. motor oil in drums.

Cement—New York, N. Y.—Mar. 28, by J. Miller, pres. Manhattan Boro, Municipal Bldg., 25,000 bags portland cement.

Gasoline, etc.—New York, N. Y.—Mar. 28, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., 35,000 gal. gasoline and 9,000 cu.yd. sand grits.

Engine Track Axles, Wire, Nails, etc.—Phila., Pa.—Mar. 29, by C. E. Walsh, purch. agt. Pennsylvania R.R. Co., 17th and Filbert Sts., car driving trailers, engine track axles, etc., Contr. 29-1927; piston heads, Contr. 30-1927; and woven wire fencing, nails, etc., Contr. 32-1927. A. C. Shand, Broad St. Sta. ch. engr. railroad.

Rails, Splice Bars, Bolts, etc.—Phila., Pa.—Mar. 28, by Dept. City Transit, E. H. Ehlers, dir., 1211 Chestnut St., contact rails, splice bars and bolts, 1,825 tons 150 lb. and 180 tons 55 lb. rails with sufficient splice bars and bolts for same, Contr. 153. Broad St. Subway.

Steel Bars, Wire, and Steel Pipe, etc.—Phila., Pa. — Mar. 30, by C. E. Walsh, purch. agt. Pennsylvania R.R. Co., 17th and Filbert Sts., steel bars, etc., Contr. 28-1927; lime coated basic wire, etc., Contr. 31-1927; steel sheets, Contr. 33-1927; boiler tubes, steel pipe, etc., Contr. 34-1927; joint bars tie plates, etc., Contr. 36-1927. A. C. Shand, Broad St. Sta., ch. engr. railroad.

Tar—Cincinnati, O.—Hamilton Co. in market 300,000 gal. Grade 1 tar to Road Repair Dept., for patching macadam roads. $34,000. E. A. Gast, Court House, engr.

Binder, Sheet Asphalt, etc. — Cleveland Heights (br. Cleveland), **O.**—Mar. 28, by City, 500-1,000 tons binder, 1,000-5,000 sq. yd. sheet asphalt, 1,000-5,000 yd. 2 in. asphaltic concrete wearing surfacing, tar or liquid asphalt, slag stone and gravel materials for 150,000 yd. paving repairs. F. A. Pease Eng. Co., Marshall Bldg., Cleveland, engrs.

Emulsified Asphaltic Concrete, etc. — Greencastle, Ind.—Apr. 4, by Comrs. Putman Co., 50 tons more or less emulsified asphaltic concrete, 5 bbl. more or less each of 1 and 6 emulsified asphalt. W. D. Lovett, aud.

Culvert Pipe—Iowa City, Ia.—Apr. 4, at office Auditor Johnson Co., 2,400 ft. 18- to 24-in. culvert pipe. G. M. Griffith, Iowa City, co. engr.

Culvert Pipe—Nevada, Ia.—Apr. 5, at office Auditor Story Co., 4,600 ft. culvert pipe. S. Steigerwalt, Nevada, co. engr.

Culvert Pipe—Primghar, Ia.—Apr. 4, at office Auditor O'Brien Co., 3,598 ft. culvert pipe. W. L. Anderson, Primghar, co. engr.

Concrete and Metal Culverts—Cavalier, N. D. — Apr. 7, by W. F. Felson, aud. Pembina Co., concrete and metal culverts for 1927.

Asphalt or Tar—Clayton, Mo.—Mar. 30, by R. Jablonsky, engr. St. Louis Co., approximately 350,000 gal. Grade A1 asphalt or tar for roads during year.

Bids Received

Asphalt, Road Oil and Tar — Boston, Mass. — Commonwealth of Massachusetts, Comn. of Administration & Finance, from Standard Oil Co. of New York, Park Sq. Bldg., asphalt, road oil and tars, Sect. B $124,416, Sect. C $63,956, and Sect. M $12,951; from M. Moulton, 6 Beacon St., Sect. A $50,050. Noted Mar. 17.

Tar Surface Dressing, etc. — Freehold, N. J. — Bd. Freeholders Monmouth Co., Courthouse, Mar. 9, 150,000 gal. tar surface dressing, from W. G. Harrington, 50 Church St., New York City, N. Y., $66,750; 200,000 gal. asphaltic oil, from Asphaltic Surface Co., New Brunswick, $43,000; 200,000 gal. lignin binder, from M. R. Young, Fisher Pl., Trenton, $25,000; and 50 tons calcium chloride, from Solvay Sales Corp., 40 Rector St., New York City, N. Y., $1,435. Noted Mar. 3.

Copper Tubing, Meters, etc. — St. Paul, Minn.—A. E. Eggert, city purch. agt., Mar. 8, from Mueller Co., Decatur, Ill. 9,000 lin.ft. 1 in. copper tubing at $0.1819 per lb.; 1.5 in. $0.2948; 2 in. $0.4338, and brass corporation and curb stops, etc. $14,860.

Contracts Awarded

Bituminous Material—New York—F. R. Cutter, supt. Standards & Purchase, Capitol, Albany, to Warner Quilan Co., 26 Beaver St., New York City, 2,480,000 gal. bituminous material "A," Contr. 1 $398,857, 108,000 gal. hot applications and 10,000 gal. cold applications, Contr. 4, $9,361; to Mexican Petroleum Corp., 120 Bway., 1,243,000 gal. bituminous material "A," Contr. 2, $117,464; to Standard Oil Co. of New York, 56 Pearl St., Albany, 186,000 gal. bituminous material "A," 1,527,000 bbl. in car lots Contr. 3, $193,772; to L. L. Gowdy, 36 State St., Albany, 982,000 gal. bituminous material "A" emulsion, Contr. 5 $152,112, 16,000 gal. bituminous material "T" cold application or Trinidad liquid asphalt and 8,000 gal. millwood Contr. 8, $2,376; to Westchester Oil Co., 17 East 42nd St., New York City, 10,000 gal. wax oil to Rensselaer, and 16,000 gal. at Washingtonville, Contr. 6, $2,795; to Interstate Amiesite Co., Industrial Trust Bldg., Wilmington, Del., 4,110 tons mixed asphalt concrete Type 4, Contr. 7, $40,278; to Solvay Sales Corp., Milton Ave., Syracuse, 960 tons calcium chloride in steel drums, Contr. 9, $26,428; to Defiance Corp., 205 Sunset Ave., Syracuse, bituminous material "T" penetration 8,000 gal. in tank car lots, 23,000 gal. in barrels 2,000 in barrels Contr. 10 $4,757, also 434,000 gal. "T" cold application and "T" hot application in tank car lots and 26,000 gal. hot applications in tank car lots Contr. 13, $46,955; to Barrett Co., 40 Rector St., New York City, 54,000 gal. bituminous material "T" penetration 30,000 in barrels, Contr. 11 $10,095, 30,000 gal. cold application and 24 gal. cold application, Contr. 12 $6,848, 1,081,929 gal. cold application, 15,000 gal. cold application in barrels, and 40,000 gal. hot application in barrels $117,270. Grand total $1,129,368. Noted Mar. 17.

Portland Cement—Minneapolis—Minn. F. S. Gram, city purch. agt., 125,000 bbl. portland cement, to Landers-Morrison-Christenson Co., 800 Builders Exch. Bldg., at $1.97 per bbl. net cash f.o.b. cars. Noted Mar. 10.

Paving Materials—St. Paul, Minn.—A. E. Eggert, city purch. agt., 800 sq.yd. sandstone paving blocks, to Sandstone Quarries Co., 406 Baker Bldg., Minneapolis, at $2.74 per sq.yd.; also 550 sq.yd. 3 in., 250 sq.yd. 2.5 in. vertical fibre paving bricks, to Purington Paving Brick Co., Galesburg, Ill. at $1.61 and $1.36 per sq.yd. respectively. Noted Mar. 3.

Road Oil—St. Louis, Mo.—Supply Comm., City Hall, approximately 1 m.g. road oil, to Warson Petroleum Co., Demenil Bldg., at $0.04825 per gal. Noted Mar. 17.

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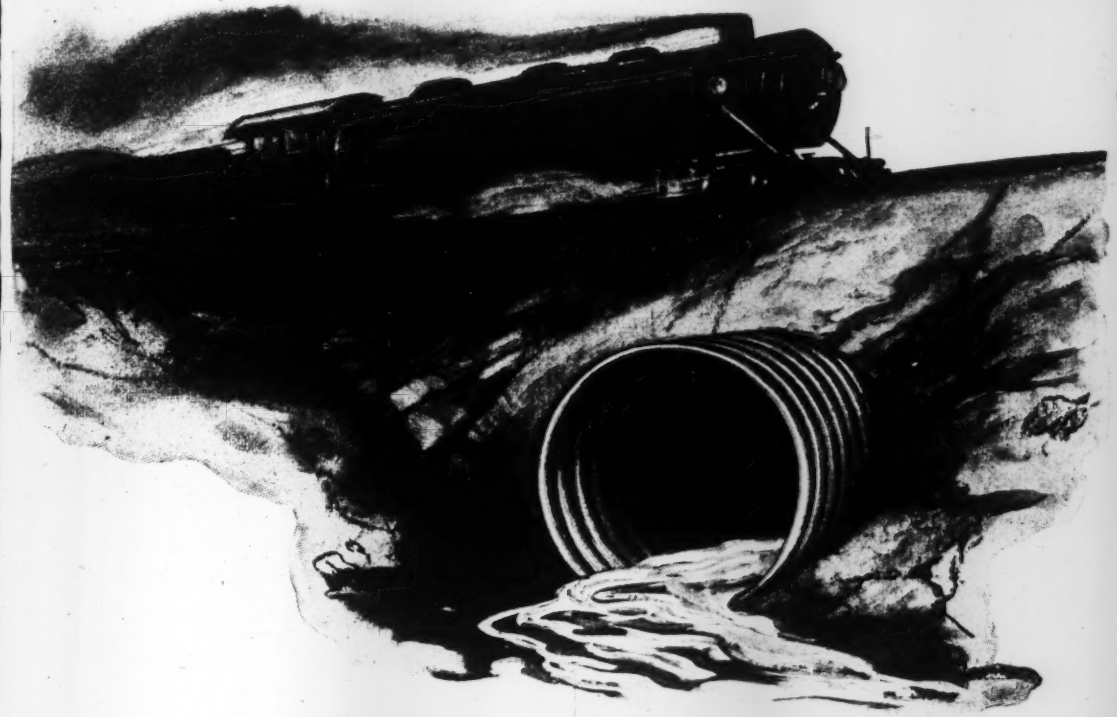
Special proposed advertising on page 134



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UNIT PRICES

On actual contracts gathered by field correspondents, also those sent in by readers

Grading—Houston, Tex.

Bids were opened by City, Feb. 12, for grading portions of Navigation Blvd., Wayside Dr., Avenue S and Memphis St., from (A) A. M. Arnold & Co., Summer and Elder Sts., (awarded contract); (B) Smith, Starkey & James, Stewart Bldg.; (C) J. M. Griswolds Sons, 3840 Polk St. The unit bids are as follows:

	A	B	C
100 squares clearing	$50.00	$50.00	$50.00
80 squares grubbing	50.00	60.00	60.00
20,000 cu.yd. excavation class "A"	.92	.93	.95
98,000 cu.yd. excavation class "B"	.92	.93	.95
2,000 man hrs. extra work	.50	.40	.50
1,000 team hrs. extra work	.90	.80	.90
Totals	$119,460	$121,140	$123,800

Water Mains—Lyons, Ill.

Bids were opened by Village, Jan. 25, for installing water mains in various streets, from (A) F. Piacente & Co., Chicago Heights, (awarded contract); (B) Krenn & Dato, 936 North Michigan Ave., Chicago; (C) Fairland Construction Co. The unit bids are as follows:

3,700 cu.yd. earth excav.	$1.45	$1.50	$1.60
3,800 cu.yd. rock excav.	7.50	7.50	8.00
720 lin.ft. 10 in. c. i. pipe	3.00	3.00	3.00
25,500 lin.ft. 8 in. c. i. pipe	2.40	2.43	2.50
24,800 lin.ft. 6 in. c. i. pipe	1.90	1.92	2.10
260 lin.ft. 4 in. c. i. pipe	1.30	1.30	1.30
107 hydrants	150.00	150.00	150.00
29 8 in. gate valves	85.00	85.00	85.00
40 6 in. gate valves	65.00	65.00	65.00
3 4 in. gate valves	30.00	30.00	30.00
Totals	$165,880	$167,334	$175,853

Subway—New York, N. Y.

Bids were opened by Board of Transportation, 49 Lafayette St., Mar. 4, (lowest four and highest) for constructing Route No. 78, Sect. 6-C, of Rapid Transit R.R., from (A) Slattery Engineering & Construction Co., 10 East 43rd St. (awarded contract); (B) Mason & Hanger Co., 17 West 60th St.; (C) Rice Contracting Co., 70 East 45th St.; (D) Moranti & Raymond, Inc., 42 Broadway; (E) Rosenthal Engineering Contracting Co., Inc., 12 East 41st St. The unit bids are as follows:

	A	B	C	D	E
12,000 cu.yd. earth excavation and disposal along North River	$11.00	$8.00	$10.50	$9.10	$11.00
12,000 cu.yd. earth excavation and disposal in any place	11.00	9.00	12.00	9.10	11.00
28,600 cu.yd. rock excavation and disposal along North River	11.00	12.00	10.50	12.90	14.00
28,600 rock excavation and disposal in any place	11.00	13.00	12.00	12.90	15.00
Underpinning Nos. 4151-4159 Broadway (lump sum)	7,600.00	3,000.00	1.00	3,000.00	11,000.00
Underpinning Nos. 4161-4169½ Broadway (lump sum)	9,000.00	3,600.00	1.00	3,600.00	13,000.00
Underpinning Nos. 4171-4179 Broadway (lump sum)	6,300.00	3,600.00	1.00	3,600.00	13,000.00
Underpinning Nos. 4164-4166 Broadway (lump sum)	1,000.00	3,700.00	1.00	3,200.00	11,000.00
Underpinning Nos. 4168-4170 Broadway (lump sum)	1,000.00	4,000.00	1.00	4,000.00	14,000.00
Underpinning Nos. 4181-4183 Broadway (lump sum)	7,000.00	2,800.00	1.00	2,800.00	8,000.00
10 furnishing and planting trees	40.00	40.00	75.00	50.00	50.00
30,800 cu.yd. tunnel excavation and disposal along North River	11.00	10.00	14.00	12.90	16.50
30,800 cu.yd. tunnel excavation and disposal in any place	11.00	12.00	15.00	12.90	17.50
13,600 cu.yd. concrete masonry	20.00	18.50	25.00	21.00	25.00
370 sq.ft. rubbed surface	.10	.15	.15	.10	25.00
380 cu.yd. protective concrete	20.00	18.50	25.00	21.00	25.00
620 cu.yd. rubble stone masonry	12.00	16.00	15.00	18.00	13.00
20 cu.yd. brick masonry	45.00	45.00	50.00	45.00	60.00
3,000 bbl. grout or Portland cement	3.00	7.50	6.00	8.00	6.70
145 M.ft. B.M. tunnel timbering	25.00	200.00	1.00	10.00	180.00
3,500 sq.yd. waterproofing 3-ply	2.50	2.70	3.00	3.00	2.50
100 sq.yd. waterproofing dry-ply	.75	.60	1.00	1.00	1.00
100 lin.ft. cast-iron pipe and fittings 4-in	1.50	2.00	1.25	2.50	3.20
400 lin.ft. cast-iron pipe and fittings 6-in	2.50	2.90	2.50	3.50	4.00
2,000 lin.ft. cast-iron pipe and fittings 8-in	4.00	4.15	4.00	4.50	5.50
100 lin.ft. std. galv. steel pipe 4-in	1.50	1.90	1.50	2.00	2.50
9,240 duct ft. tunnel ducts	.25	.26	.30	.30	.40
670 ton riveted steel and standard shapes	115.00	122.55	115.00	125.00	183.00
645 ton riveted steel and Bethlehem shapes	118.00	127.30	115.00	129.80	190.00
0.50 ton architectural steel and iron	500.00	400.00	400.00	300.00	700.00
1 emergency exit cover	500.00	600.00	500.00	500.00	500.00
15 ton reinforcing steel	100.00	110.00	110.00	50.00	210.00
7 ton miscellaneous iron castings	200.00	200.00	200.00	200.00	325.00
100 lb. special wire forms	.25	.25	.20	.20	.50
600 sq.ft. steel gratings	3.50	3.75	3.00	3.00	3.75
55 sq.ft. steel gratings, extra heavy	5.00	7.00	4.00	3.00	8.00
670 sq.yd. street surfaces restored, within curb lines	3.00	3.40	3.00	3.00	5.50
2,280 sq.yd. street surfaces restored, asphalt pavement between curb lines	5.00	6.50	5.00	2.50	6.00
820 sq.yd. street surfaces restored, granite block between curb lines	3.50	6.00	5.00	3.00	9.00
10 sq.yd. street surfaces restored, asphalt block between curb lines	6.00	6.00	5.00	3.00	9.00
450 lin.ft. street surfaces restored, new 8-in. granite curb	5.00	5.60	4.00	3.50	6.00
20 sq.yd. finish of upper 3 in. of concrete walls and slabs	3.00	1.90	3.00	3.00	6.00
3,100 sq.yd. temporary granite block pavement	2.50	3.00	3.00	3.00	2.50
100 lin.ft. 12-in. vitrified pipe sewer	3.50	7.50	6.50	2.00	36.00
200 lin.ft. 13 ft. 6 in. x 2 ft. 4 in. concrete sewer	18.00	22.00	20.00	20.00	50.00
800 lin.ft. electric railroad support (single track)	10.00	35.00	15.00	15.00	26.00
200 lin.ft. 6-in. water pipe	1.50	2.50	2.00	4.00	2.70
200 lin.ft. 12-in. water pipe	2.50	3.75	3.00	8.00	5.50
15 water service connections, all sizes	25.00	30.00	1.00	20.00	100.00
300 lin.ft. gas bypass upon or below street surface, 6-in	10.00	14.00	6.00	6.00	20.00
900 lin.ft. gas bypass upon or below street surface, 8-in	12.00	16.00	8.00	14.00	25.00
100 lin.ft. gas bypass upon or below street surface, 20-in	20.00	35.00	20.00	15.00	40.00
200 lin.ft. gas bypass upon or below street surface, 30-in	25.00	50.00	30.00	25.00	50.00
600 lin.ft. gas bypass over head, 20-in	20.00	35.00	20.00	20.00	40.00
600 lin.ft. gas bypass overhead, 30-in	25.00	36.00	30.00	30.00	50.00
400 lin.ft. trestle	20.00	25.00	10.00	19.00	40.00
200 lin.ft. cable support	20.00	25.00	10.00	15.00	50.00
15 gas pipe service connections	25.00	30.00	1.00	20.00	75.00
3,900 duct ft. vitrified clay electric ducts and conduits	.60	.50	.60	.30	.40
50 lin.ft. 3-in. electric duct	1.00	1.25	1.00	2.00	1.50
15 service connections for electric ducts	25.00	60.00	1.00	20.00	75.00
Total for disposal along North River and standard shapes (Items 1 (*b*), 3 (*b*), 5-A (*b*), 19 (*b*) omitted)	$1,324,302	$1,360,934	$1,443,548	$1,443,449	$1,872,805
Total for disposal along North River and Bethlehem shapes (Items 1 (*b*), 3 (*b*), 5-A (*b*), 19 (*a*) omitted)	$1,323,362	$1,360,934	$1,440,673	$1,443,420	$1,872,745
Total for disposal any place and standard shapes (Items 1 (*a*), 3 (*a*), 5-A (*a*), 19 (*b*) omitted)	$1,324,302	$1,463,134	$1,550,648	$1,443,449	$1,932,205
Total for disposal any place and Bethlehem shapes (Items 1 (*a*), 3 (*a*), 5-A (*a*) 19 (*a*) omitted)	$1,323,362	$1,463,134	$1,547,773	$1,443,420	$1,932,145

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